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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds

33.354 Million cell updates/sec

Title: US-09-744-804A-35
Perfect score: 53
Sequence: KQGNFNAWV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:
1: /cgnd_6/prodatall/iaa/5A_COMB_pep:
2: /cgnd_6/prodatall/iaa/5B_COMB_pep:
3: /cgnd_6/prodatall/iaa/6A_COMB_pep:
4: /cgnd_6/prodatall/iaa/6B_COMB_pep:
5: /cgnd_6/prodatall/iaa/PCFUS_COMB_pep:
6: /cgnd_6/prodatall/iaa/backfiled1.pep:
;

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	53	100.0	159	2	US-09-162-402B-12
2	53	100.0	217	1	US-09-607-538C-3
3	53	100.0	217	2	US-09-162-402B-3
4	53	100.0	217	4	US-09-324-185-3
5	53	100.0	218	1	US-09-607-538C-2
6	53	100.0	218	2	US-09-62-402B-2
7	53	100.0	218	4	US-09-324-185-2
8	53	100.0	387	2	US-09-62-402B-6
9	53	100.0	465	2	US-09-162-402B-8
10	53	100.0	369	2	US-09-424-24-2
11	53	73.6	369	5	PCT-US91-0281-69
12	36	67.9	129	4	US-09-826-114-7
13	36	67.9	165	4	US-09-893-37-60
14	36	67.9	321	2	US-09-420-228C-21
15	36	67.9	321	2	US-09-659-235C-21
16	36	67.9	443	4	US-09-489-039A-981
17	36	67.9	448	4	US-09-949-016-10130
18	36	67.9	480	2	US-09-480-229C-10
19	36	67.9	480	2	US-09-659-235C-10
20	36	67.9	513	2	US-09-420-228C-14
21	36	67.9	513	2	US-09-659-235C-14
22	36	67.9	1384	4	US-09-949-016-104-2
23	36	67.9	1384	4	US-09-949-016-6395
24	36	67.9	1564	4	US-09-976-594-309
25	35	66.0	76	3	US-09-131-3170
26	35	66.0	312	4	US-09-949-016-9733
27	34	66.2	US-09-543-681A-7126	Ap	Sequence 7133, Ap

ALIGNMENTS

RESULT 1
US-09-162-402B-12
; Sequence 12, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KUDALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLORIE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ FOR Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/162-402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Anzel, Viviana
; REGISTRATION NUMBER: 30, 930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 159 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide

US-09-162-402B-12
Query Match 100.0%; Score 53; DB 2; Length 159;
Matches 9; Conservative 100.0%; Pred. No. 0.084; Indels 0; Gaps 0;

QY 1 KOGNFAWV 9
 QY 43 KOGNFAWV 51
 DB ;
 RESULT 2 US-07-607-538C-3
 ; Sequence 3 , Application US/07607538C
 ; Patent No. 5,455031
 ; GENERAL INFORMATION:
 ; APPLICANT: Cerriani Dr., Roberto L.
 ; APPLICANT: Peterson Dr., Jerry A.
 ; TITLE OF INVENTION: POLYPEPTIDE WITH 46 DIFFERENTIATION ANTIGEN BINDING SPECIFTY AND CLOTTING TITIE OF INVENTION: FACTORS V AND VII LIGHT-CHAIN HOMOLOGUES, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF
 ; NUMBER OF SEQUENCES: 5
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: V. Amzel & Assoc.
 ; STREET: 2055 No. 5455031th Broadway
 ; CITY: Walnut Creek
 ; STATE: California
 ; ZIP: 94596
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 ; SOFTWARE: FastSee for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/162,402B
 ; FILING DATE: 03-DEC-1993
 ; CLASSIFICATION: 435
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Amzel, Viviana
 ; REGISTRATION NUMBER: 30,930
 ; REFERENCE/DOCKET NUMBER: P66 38215
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 213-622-7700
 ; TELEFAX: 213-489-4210
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 217 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: peptide
 ; US-08-162,402B-3
 ;
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 217 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-07-607-538C-3
 ;
 ; Query Match Similarity 100.0%; Score 53; DB 1; Length 217;
 ; Best Local Similarity 100.0%; Pred. No. 0.12; Pred. No. 0.12; Mismatches 0; Indels 0; Gaps 0;
 ; Matches 9 ; Conservative 0 ; Mismatches 0 ; Indels 0 ; Gaps 0 ;
 ; QY 1 KOGNFAWV 9
 ; DB 101 KOGNFAWV 109
 ;
 ; RESULT 4 US-09-364-185-3
 ; Sequence 3 , Application US/09364185
 ; Patent No. 6,296,928
 ; GENERAL INFORMATION:
 ; APPLICANT: Cerriani, Roberto L.
 ; APPLICANT: Peterson, Jerry A.
 ; TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON TITIE OF INVENTION: KIT & METHODS
 ; NUMBER OF SEQUENCES: 5
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Ratner & Prestia
 ; STREET: Suite 301
 ; STREET: One Welikies, Berwyn
 ; CITY: Valley Forge
 ; STATE: Pennsylvania
 ; COUNTRY: USA
 ; ZIP: 19482
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk 3.5"
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 ; SOFTWARE: Patentin #1.25,
 ; SOFTWARE: Version #1.25
 ;
 ; RESULT 3 US-00-162-402B-3
 ; Sequence 3 , Application US/08162,402B
 ; Parent No. 5,723,37
 ; GENERAL INFORMATION:
 ; APPLICANT: Cerriani, ROBERTO L.
 ; APPLICANT: PETERSON, JERRY A.
 ; APPLICANT: LAROCCA, DAVID J.

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,185
; FILING DATE: June 7, 1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: CRFC-046
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 407-0700
; TELEX: (610) 407-0701
; TELEX: N.A.
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE:
; MOLECULE TYPE: protein
; FRAGMENT TYPE:
; US-09-364-185-3

RESULT 5
US-07-607-538C-2
; Sequence 2, Application US/07607538C
; Patent No. 5455031
; GENERAL INFORMATION:
; APPLICANT: Ceriani Dr., Roberto L.
; APPLICANT: Peterson Dr., Jerry A.
; TITLE OF INVENTION: POLYPEPTIDE WITH 45 DIFFERENTIATION ANTIGEN BINDING SPECIVITY AND CLOTTING FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES, POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF
; TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-TITLE OF INVENTION: USE THEREOF
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: V. Amzel & Assoc.
; STREET: 2055 No. 5455031th Broadway
; CITY: Walnut Creek
; STATE: California
; COUNTRY: USA
; ZIP: 94596
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DRC-1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEX: 213-489-4210
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; FRAGMENT TYPE:
; US-07-607-538C-2

Query Match 100.0%; Score 53; DB 4; Length 217;
; Best Local Similarity 100.0%; Pred. No. 0.12; 0; Indels 0; Gaps 0;
; Matches 9; Conservative 0; Mismatches 0;

Qy 1 KOGNFNAWV 9
Db 101 KOGNFNAWV 109

RESULT 6
US-08-162-402B-2
; Sequence 2, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: LAROCCA, DAVID J.
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; TITLE OF INVENTION: 46 KUDALTON HUMAN MILK FAT
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DRC-1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEX: 213-489-4210
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; FRAGMENT TYPE:
; US-08-162-402B-2

Query Match 100.0%; Score 53; DB 2; Length 218;
; Best Local Similarity 100.0%; Pred. No. 0.12; 0; Indels 0; Gaps 0;
; Matches 9; Conservative 0; Mismatches 0;

Qy 1 KOGNFNAWV 9
Db 102 KOGNFNAWV 110

INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:

RESULT 7 ; US-09-364-185-2
; Sequence 2, Application US/09364185
; Patent No. 556928
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
APPLICANT: Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
TITLE OF INVENTION: KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rettner & Prestia
STREET: Suite 301
CITY: One Westlakes, Berwyn
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
SOFTWARE: Patentin #1.0,
Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,185
FILING DATE: June 7, 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Anzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLogy: unknown
MOLECULE TYPE: peptide
US-09-364-185-2
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-09-364-185-2
Query Match 100.0%; Score 53; DB 4; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.12; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KOGNFWAV 9
Db 271 KOGNFWAV 279
US-09-364-185-2
RESULT 9 ; US-09-162-402B-8
; Sequence 8, Application US/08162402B
; Patent No. 572337
GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Disquette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Ann, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
RESULT 8 ; US-09-162-402B-6
; Sequence 6, Application US/08162402B
; Patent No. 592337
GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Ann, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 213-622-7700
 TELEFAX: 213-489-4210
 TELEX:

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
 LENGTH: 465 amino acids
 TYPE: amino acid
 STRANDBEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: Peptide

Query Match 100.0%; Score 53; DB 2; Length 465;
 Best Local Similarity 100.0%; Pred. No. 0.25; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KQGNFNAW 9
 Db 349 KQGNFNAW 357

RESULT 10
 US-08-424-224-2
 Sequence 2, Application US/08424224
 Patent No. 5912173
 GENERAL INFORMATION:
 APPLICANT: LEONARD, WARREN J.
 TITLE OF INVENTION: MURINE IL-2R cDNA AND
 TITLE OF INVENTION: USES THEREOF
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVE.
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: USA
 ZIP: 10154
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC COMPATIBLE
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WORD PERFECT # 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/424,224
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/121,435
 FILING DATE: 14-SEPT-1993
 ATTORNEY//AGENT INFORMATION:
 NAME: WILLIAM S. FEILER
 REGISTRATION NUMBER: 26,728
 REFERENCE/DOCKET NUMBER: 2026-4061US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-758-4800
 TELEFAX: 212-751-6849
 TELEX: 421792
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 369
 TYPE: AMINO ACID
 TOPOLOGY: UNKNOWN
 MOLECULE TYPE:
 DESCRIPTION: PROTEIN
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: MURINE
 INDIVIDUAL ISOLATE: IL-2R

Query Match 73.6%; Score 39; DB 2; Length 369;
 Best Local Similarity 85.7%; Pred. No. 48;
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 2 QGNFSAW 8
 Db 304 QGNFSAW 310

RESULT 11
 PCT-US94-02891-69
 Sequence 69, Application PC/TUS9402891
 GENERAL INFORMATION:
 APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
 REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
 SERVICES
 APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
 INSTITUTES OF HEALTH, BOX OMT, BETHESDA, MARYLAND 20892 USA
 TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
 TITLE OF INVENTION: XSCID
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVE.
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: USA
 ZIP: 10154
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC COMPATIBLE
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WORD PERFECT # 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/02891
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/031,143
 FILING DATE: 12-MAR-1993
 APPLICATION NUMBER: 08/121,435
 FILING DATE: 14-SEPT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAM S. FEILER
 REGISTRATION NUMBER: 26,728
 REFERENCE/DOCKET NUMBER: 2026-4061
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-758-4800
 TELEFAX: 212-751-6849
 TELEX: 421792
 INFORMATION FOR SEQ ID NO: 69:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 369
 TYPE: AMINO ACID
 TOPOLOGY: UNKNOWN
 MOLECULE TYPE:
 DESCRIPTION: PROTEIN
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: MURINE
 INDIVIDUAL ISOLATE: IL-2R

Query Match 73.6%; Score 39; DB 5; Length 369;
 Best Local Similarity 85.7%; Pred. No. 48;
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 2 QGNFSAW 8
 Db 304 QGNFSAW 310

RESULT 12
 US-08-826-134-7
 Sequence 7, Application US/08826134A

Query Match 73.6%; Score 39; DB 2; Length 369;
 Best Local Similarity 85.7%; Pred. No. 48;
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

PATENT NO. 6465210
; GENERAL INFORMATION:
; APPLICANT: Pjles, Elior
; TITLE OF INVENTION: AXONAL CBLL RECOGNITION MOLECULE CONTACTIN
; FILE REFERENCE: 7683-111
; CURRENT APPLICATION NUMBER: US/08/826,134A
; CURRENT FILING DATE: 1997-01-26
; EARLIER APPLICATION NUMBER: 60/014,199
; EARLIER FILING DATE: 1995-03-27
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 7
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-08-826-134-7

Query Match Similarity 67.9%; Score 36; DB 4; Length 129;
; Best Local Similarity 71.4%; Pred. No. 54; Mismatches 0; Indels 0; Gaps 0;
; Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 QKGNFNAW 8
; Db 49 GRPNFW 55

RESULT 13

US-09-893-737-60

; Sequence 60; Application US/09893737

; Patent No. 6822082

; GENERAL INFORMATION:

; APPLICANT: Sheppard, Paul O.

; TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS

; CURRENT APPLICATION NUMBER: US/09/893,737

; CURRENT FILING DATE: 2001-06-28

; PRIOR APPLICATION NUMBER: US 60/215,446

; PRIOR FILING DATE: 2000-06-30

; NUMBER OF SEQ ID NOS: 329

; SOFTWARE: FASTSEQ for Windows Version 3.0

; SEQ ID NO: 60

; LENGTH: 165

; TYPE: PRT

; ORGANISM: Homo sapiens

; US-09-893-737-60

Query Match Similarity 67.9%; Score 36; DB 4; Length 165;
; Best Local Similarity 71.4%; Pred. No. 59; Mismatches 1; Indels 0; Gaps 0;
; Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 3 GRPNFAW 9
; Db 49 GRPNFWI 55

RESULT 14

US-08-480-229C-21

; Sequence 21; Application US/08480229C

; GENERAL INFORMATION:

; APPLICANT: Quertemous, Thomas

; APPLICANT: Hogan, Brigid

; APPLICANT: Snodgrass, H. Ralph

; APPLICANT: Zupancic, Thomas J.

; TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL

; NUMBER OF SEQUENCES: 29

; CORRESPONDENCE ADDRESS: PENNIE & EDMONDS LLP

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: United States

; ZIP: 10036-2711

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/659,235C
; FILING DATE: 05-JUN-1996
; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.

REGISTRATION NUMBER: 28,462

REFERENCE/DOCKET NUMBER: 8907-0034-999

TELECOMMUNICATION INFORMATION:

TELEFAX: (212) 869-8864/9741

; TELEX: 66141 Penne
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 321 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-659-235C-21

Query Match Score 36; DB 2; Length 321;
Best Local Similarity 75.0%; Prod. No. 1.4e+02;
Matches 6; Conservative 0; Mismatches 2; Indels 0;
Oy 1 KQGNFNAW 8
Db 204 KQSKUNAW 211

Search completed: November 17, 2005, 20:42:15
Job time : 21.1429 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model
Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
(without alignments)
51.686 Million cell updates/sec

Title: US-09-744-804A-35

Perfect score: 53 KQGNFNAWV 9

Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418403474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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22: /cggn2_6/prodat/a/1/pupaa/US60_PUBCOMB.pep:*

SUMMARIES

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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2	53 100.0	218	15 US-10-038-252-2	Sequence 2, Appli
3	53 100.0	320	16 US-10-485-340-24	Sequence 24, Appli
4	53 100.0	335	16 US-10-408-65A-174	Sequence 1474, Appli
5	53 100.0	340	16 US-10-485-360-25	Sequence 25, Appli
6	53 100.0	343	14 US-10-190-533-2	Sequence 2, Appli
7	53 100.0	343	16 US-10-485-360-8	Sequence 8, Appli
8	53 100.0	379	15 US-10-190-230A-405	Sequence 3405, Appli
9	53 100.0	387	14 US-10-190-533-4	Sequence 4, Appli
10	53 100.0	387	16 US-10-873-900-2	Sequence 2, Appli
11	53 100.0	395	16 US-10-485-360-7	Sequence 7, Appli

ALIGNMENTS

RESULT 1

US-10-038-352-3

; Sequence 3, Application US/10038252

; Publication No. US2004007629A1

; GENERAL INFORMATION:

; APPLICANT: Geriani, Roberto L.

; INVENTOR: Peterson, Jerry A.

; LAROCCA, David J.

; TITLE OF INVENTION:

FUSION PROTEIN WITH 46 KD ALTON HMG

DIFFERENTIATION ANTIGEN BINDING

SPECIFICITY, COMPOSITION, KIT & METHODS

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: V. Anzel & Assoc.

STREET: P.O. Box 159

CITY: Gladwyne

STATE: Pennsylvania

COUNTRY: USA

ZIP: 19035

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk 3.5"

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS 5.0

SOFTWARE: Patentn #1.0,

Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10-038-252

FILING DATE: 02-JAN-2002

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Anzel, Viviana

REGISTRATION NUMBER: 30,930

REFERENCE/DOCKET NUMBER: CRFC-047

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-649-0609
 TELEFAX: 240-359-0299
 TELEX: N. A.
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 217
 MOLECULE TYPE: amino acid
 STRANDEDNESS: <Unknown>
 TOPOLOGY: linear
 FRAGMENT TYPE: <Unknown>
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-10-038-252-3
 Query Match 100.0%; Score 53; DB 15; Length 217;
 Best Local Similarity 100.0%; Pred. No. 0.34; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 1; Jean-Bernard Y
 1 KQGNFNAWV 9
 Db 101 KQGNFNAWV 109
 RESULT 2
 Sequence 2, Application US/10038252
 Publication No. US20040076629A1
 GENERAL INFORMATION:
 APPLICANT: Cerriani, Roberto L.
 INVENTION: Larocca, David J.
 FUSION PROTEIN WITH 46 KDALTON HMFG
 DIFFERENTIATION ANTIGEN BINDING FMG
 SPECIFICITY, COMPOSITION, KIT & METHODS
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: V. Anzel & Assoc.
 STREET: P.O. Box 1159
 CITY: Gladwyne
 STATE: Pennsylvania
 COUNTY: USA
 ZIP: 19035
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk 3.5"
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 SOFTWARE: Patentin #1.0,
 Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/038, 252
 FILING DATE: 02-Jan-2002
 CLASSIFICATION: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Anzel, Viviana
 REGISTRATION NUMBER: 30, 930
 REFERENCE/DOCKET NUMBER: CRFC-047
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 610-649-0609
 TELEFAX: 240-359-0299
 TELEX: N.A.
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 218 amino acids
 TYPE: amino acid
 STRANDEDNESS: <Unknown>
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: <Unknown>
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 S-10-038-252-2
 Query Match 100.0%; Score 53; DB 15; Length 218;
 RESULT 3
 Sequence 3, Application US/10485360
 Publication No. US2004019714A1
 GENERAL INFORMATION:
 APPLICANT: Delcavre, Alain
 INVENTION: Le Pecq, Jean
 Methods and Compounds for the Targeting of Protein to Exosomes
 CURRENT APPLICATION NUMBER: US10/485, 360
 CURRENT FILING DATE: 2004-01-30
 Best Local Similarity 100.0%; Pred. No. 0.48; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 1; Jean-Bernard Y
 1 KQGNFNAWV 9
 Db 102 KQGNFNAWV 110
 RESULT 4
 Sequence 4, Application US/10408765A
 Publication No. US20040101874A1
 GENERAL INFORMATION:
 APPLICANT: Ghosh, Sounmitra S.
 APPLICANT: Fahy, Eoin D.
 APPLICANT: Zhang, Bing
 APPLICANT: Gibson, Bradford W.
 APPLICANT: Taylor, Steven W.
 APPLICANT: Glenn, Gary M.
 APPLICANT: Warnock, Dale E.
 TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
 TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
 FILE REFERENCE: 6600BB:465
 CURRENT APPLICATION NUMBER: US10/408, 765A
 CURRENT FILING DATE: 2003-04-04
 NUMBER OF SEQ ID NOS: 3077
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 1474
 LENGTH: 335
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-048-765A-1474
 Query Match 100.0%; Score 53; DB 16; Length 335;
 Best Local Similarity 100.0%; Pred. No. 0.5; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 1; Jean-Bernard Y
 1 KQGNFNAWV 9
 Db 271 KQGNFNAWV 279

US-10-485-360-25 ; Sequence 25, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITUL OF INVENTION: Methods and Compounds for the Targetting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 340
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein

US-10-485-360-25
Query Match 100.0%; Score 53; DB 16; Length 340;
Best Local Similarity 100.0%; Pred. No. 0.51; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KQGNFNAWV 9
Db 216 KQGNFNAWV 224

RESULT 6
US-10-190-593-2
Sequence 2, Application US/10190593
Publication No. US2003002221A1
GENERAL INFORMATION:
APPLICANT: LANGIT, Emanuel et al.
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
FILE REFERENCE: CL001246
CURRENT APPLICATION NUMBER: US/10/190,593
CURRENT FILING DATE: 2002-07-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 343
TYPE: PRT
ORGANISM: Human

US-10-190-593-2
Sequence 2, Application US/10190593
Publication No. US2003002221A1
GENERAL INFORMATION:
APPLICANT: LANGIT, Emanuel et al.
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
FILE REFERENCE: CL001246
CURRENT APPLICATION NUMBER: US/10/190,593
CURRENT FILING DATE: 2002-07-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 343
TYPE: PRT
ORGANISM: Human

RESULT 7
US-10-485-360-8
Sequence 8, Application US/10485360
Publication No. US20040197314A1
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
APPLICANT: Le Pecc, Jean-Bernard
TITLE OF INVENTION: Methods and Compounds for the Targetting of Protein to Exosomes
FILE REFERENCE: B0094WO
CURRENT APPLICATION NUMBER: US/10/485,360
CURRENT FILING DATE: 2004-01-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 340
TYPE: PRT
ORGANISM: Homo sapiens

RESULT 8
US-10-108-260A-3405
Sequence 3405, Application US/10108260A
Publication No. US20040005560A1
GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20040005560A1 full length cDNA
FILE REFERENCE: HI-A0106
CURRENT APPLICATION NUMBER: US/10/108,260A
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 5458
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3405
LENGTH: 379
TYPE: PRT
ORGANISM: Homo sapiens

US-10-108-260A-3405
Sequence 3405, Application US/10108260A
Publication No. US20040005560A1
GENERAL INFORMATION:
APPLICANT: LANGIT, Emanuel et al.
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
FILE REFERENCE: CL001246
CURRENT APPLICATION NUMBER: US/10/190,593
CURRENT FILING DATE: 2002-07-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 387
TYPE: PRT
ORGANISM: Human

RESULT 9
US-10-190-593-4
Sequence 4, Application US/10190593
Publication No. US2003002221A1
GENERAL INFORMATION:
APPLICANT: LANGIT, Emanuel et al.
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
FILE REFERENCE: CL001246
CURRENT APPLICATION NUMBER: US/10/190,593
CURRENT FILING DATE: 2002-07-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 387
TYPE: PRT
ORGANISM: Human

US-10-190-593-4
Sequence 4, Application US/10190593
Publication No. US2003002221A1
GENERAL INFORMATION:
APPLICANT: LANGIT, Emanuel et al.
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
FILE REFERENCE: CL001246
CURRENT APPLICATION NUMBER: US/10/190,593
CURRENT FILING DATE: 2002-07-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 387
TYPE: PRT
ORGANISM: Human

RESULT 10
US-10-873-900-2
Sequence 2, Application US/10873900

; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institut National De La Sante Et De La Recherche Medicale
; APPLICANT: Antigoren, Sebastian
; APPLICANT: Rapsos, Gracia
; APPLICANT: Mirey, Clotilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215_4003_KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIORITY APPLICATION NUMBER: US/03/592,340
; PRIORITY FILING DATE: 1993-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2
; LENGTH: 387
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; ORGANISM: Homo sapiens
; US-10-873,900-2
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Best Local Similarity 100.0%; Pred. No. 0.58; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 KOGNFNAWV 9
Db 271 KOGNFNAWV 279
RESULT 11
US-10-485-360-7
Sequence 7, Application US/10485360
Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcavre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 7
; LENGTH: 395
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; ORGANISM: Homo sapiens
; US-10-485-360-7
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Best Local Similarity 100.0%; Pred. No. 0.59; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 KOGNFNAWV 9
Db 271 KOGNFNAWV 279
RESULT 12
US-10-485-360-26
Sequence 26, Application US/10485360
Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcavre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 26
; LENGTH: 480
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain Chimeric protein
; US-10-485-360-26
Query Match 100.0%; Score 53; DB 16; Length 480;
Best Local Similarity 100.0%; Pred. No. 0.7; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 KOGNFNAWV 9
Db 356 KOGNFNAWV 364
RESULT 13
US-10-485-360-27
Sequence 27, Application US/10485360
Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcavre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 27
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain Chimeric protein
; US-10-485-360-27
Query Match 100.0%; Score 53; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 0.73; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 KOGNFNAWV 9
Db 374 KOGNFNAWV 382
RESULT 14
US-10-485-360-30
Sequence 30, Application US/10485360
Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcavre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 30
; LENGTH: 612
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
; US-10-485-360-30
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Best Local Similarity 100.0%; Pred. No. 0.88; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 KOGNFNAWV 9

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; Sequence 12753, Application US/10156761
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; Publication No. US20030119018A1
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; GENERAL INFORMATION:
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; APPLICANT: OMURA, SATOSHI
```

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; APPLICANT: IKEDA, HARUO
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; APPLICANT: ISHIKAWA, JUN
```

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; APPLICANT: HORIKAWA, HIROSHI
```

```
; APPLICANT: SHIBA, TADAKOSHI
```

```
; APPLICANT: SAKAKI, YOSHIIYUKI
```

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; APPLICANT: HATTORI, MASAHIRO
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; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
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; FILE REFERENCE: 249-262
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; CURRENT APPLICATION NUMBER: US/10/156,761
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; CURRENT FILING DATE: 2002-05-29
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; PRIOR APPLICATION NUMBER: JP 2001-204689
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; PRIOR FILING DATE: 2001-05-30
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; PRIOR APPLICATION NUMBER: JP 2001-272697
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; PRIOR FILING DATE: 2001-08-02
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; NUMBER OF SEQ ID NOS: 15109
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; LENGTH: 664
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; TYPE: PRT
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; ORGANISM: Streptomyces avermitilis
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; US-10-156-761-12753
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 Best Local Similarity 66.7%; Pred. No. 75;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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Db 239 KGKGNWAVL 247

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 Job time : 73.8371 sec

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OM Protein - protein search, using sw model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
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Title: US-09-744-804A-36
Perfect score: 49
Sequence: I NLLRRMMWVT 9

Scoring table: BLOSUM62
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Post-processing: Minimum Match 0%
Maximum Match 100%
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17: /cgna_6/ptodata/1/pupaa,US10c_PUBCOMB.pep: *
18: /cgna_6/ptodata/1/pupaa,US10c_PUBCOMB.pep: *
19: /cgna_6/ptodata/1/pupaa,US11_PUBCOMB.pep: *
20: /cgna_6/ptodata/1/pupaa,US11c_PUBCOMB.pep: *
21: /cgna_6/ptodata/1/pupaa,US60_PUBCOMB.pep: *
22: /cgna_6/ptodata/1/pupaa,US60c_PUBCOMB.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	49	100.0	318	16 US-10-485-360-22	RESULT 1 US-10-485-360-22 ; Sequence 22, Application US/10485360 ; Publication No. US20040197314A1 ; GENERAL INFORMATION: ; APPLICANT: Delcavre, Alain ; APPLICANT: Le Pecq, Jean-Bernard ; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes ; FILE REFERENCE: B00940 ; CURRENT APPLICATION NUMBER: US10/485,360 ; CURRENT FILING DATE: 2004-01-30 ; NUMBER OF SEQ ID NOS: 30 ; SOFTWARE: PatentIn version 3.1 ; SEQ ID NO: 22 ; LENGTH: 318 ; TYPE: PRT ; ORGANISM: Artificial Sequence ; FEATURE: ; NAME/KEY: MISC FEATURE ; OTHER INFORMATION: Human IL2-human Lactadherin C1 domain chimeric protein US-10-485-360-22
2	49	100.0	335	16 US-10-408-65A-1474	Query Match 100.0%; Score 49; DB 16; Length 335; Best Local Similarity 100.0%; Pred. No. 2.6; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
3	49	100.0	336	16 US-10-485-360-23	QY 1 NLLRRMMWVT 9
4	49	100.0	343	14 US-10-190-93-2	Db 216 NLLRRMMWVT 224
5	49	100.0	343	16 US-10-485-360-8	Sequence 8, Appli
6	49	100.0	379	15 US-10-108-260A-3405	Sequence 3405, Ap
7	49	100.0	387	14 US-10-190-93-4	Sequence 4, Appli
8	49	100.0	387	16 US-10-873-900-2	Sequence 2, Appli
9	49	100.0	395	16 US-10-485-360-7	Sequence 7, Appli
10	49	100.0	480	16 US-10-485-360-26	Sequence 26, Appli
11	49	100.0	498	16 US-10-485-360-27	Sequence 27, Appli

; Publication No. US20040101874A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ghosh, Sounitra S.
 ; APPLICANT: Faly, Robin D.
 ; APPLICANT: Zhang, Bing
 ; APPLICANT: Gibson, Bradford W.
 ; APPLICANT: Taylor, Steven W.
 ; APPLICANT: Glenn, Gary M.
 ; APPLICANT: Warnock, Dale E.
 ; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
 ; IN THE MITOCHONDRIAL PROTEOME
 ; FILE REFERENCE: 610088455
 ; CURRENT APPLICATION NUMBER: US10/408,765A
 ; CURRENT FILING DATE: 2003-04-04
 ; NUMBER OF SEQ ID NOS: 3077
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 1474
 ; LENGTH: 335
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-08-765A-1474
 ;
 Query Match 100.0%; Score 49; DB 16; Length 335;
 Best Local Similarity 100.0%; Pred. No. 2.7; 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 NLLRRMWVT 9
 Db 131 NLLRRMWVT 139
 ;
 RESULT 3
 ; US-10-485-360-23
 ; Sequence 23, Application US/10485360
 ; Publication No. US20040197314A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Delcavre, Alain
 ; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 ; FILE REFERENCE: B004W0
 ; CURRENT APPLICATION NUMBER: US10/485,360
 ; CURRENT FILING DATE: 2004-01-30
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 23
 ; LENGTH: 336
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; US-10-485-360-23
 ;
 Query Match 100.0%; Score 49; DB 16; Length 343;
 Best Local Similarity 100.0%; Pred. No. 2.7; 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 NLLRRMWVT 9
 Db 131 NLLRRMWVT 139
 ;
 RESULT 4
 ; US-10-190-593-2
 ; Sequence 2, Application US/10190593
 ; Publication No. US2003002221A1
 ; GENERAL INFORMATION:
 ; APPLICANT: LANGIT, Emanuel et al.
 ; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
 ; TITLE OF INVENTION: NUCLEAR ACID MOLECULES ENCODING, HUMAN SECRETED PROTEINS, AND
 ; FILE REFERENCE: C1001246
 ; CURRENT APPLICATION NUMBER: US10/190593
 ;
 Query Match 100.0%; Score 49; DB 15; Length 379;
 Best Local Similarity 100.0%; Pred. No. 3; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 NLLRRMWVT 9
 Db 123 NLLRRMWVT 131
 ;
 RESULT 5
 ; US-10-485-360-8
 ; Sequence 8, Application US/10485360
 ; Publication No. US20040197314A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Delcavre, Alain
 ; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 ; FILE REFERENCE: B004W0
 ; CURRENT APPLICATION NUMBER: US10/485,360
 ; CURRENT FILING DATE: 2004-01-30
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 8
 ; LENGTH: 343
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-485-360-8
 ;
 Query Match 100.0%; Score 49; DB 16; Length 343;
 Best Local Similarity 100.0%; Pred. No. 2.7; 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 NLLRRMWVT 9
 Db 131 NLLRRMWVT 139
 ;
 RESULT 6
 ; US-10-108-260A-3405
 ; Sequence 3405, Application US/10108260A
 ; Publication No. US20040005560A1
 ; GENERAL INFORMATION:
 ; APPLICANT: HELIX RESEARCH INSTITUTE
 ; TITLE OF INVENTION: NO. US20040005560A1 full length cDNA
 ; FILE REFERENCE: H1-A0106
 ; CURRENT APPLICATION NUMBER: US10/108,260A
 ; CURRENT FILING DATE: 2002-03-27
 ; NUMBER OF SEQ ID NOS: 5458
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 3405
 ; LENGTH: 379
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-108-260A-3405
 ;
 Query Match 100.0%; Score 49; DB 15; Length 379;
 Best Local Similarity 100.0%; Pred. No. 3; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 NLLRRMWVT 9
 Db 123 NLLRRMWVT 131

RESULT 7 ; SOFTWARE: PatentIn version 3.1
US-10-190-593-4 ; SEQ ID NO: 7
; Sequence 4, Application US/10190593
; Publication No. US2003002221A1 ; LENGTH: 395
; GENERAL INFORMATION: ; TYPE: PRT
; APPLICANT: LANGIT, Emmanuel et al. ; ORGANISM: Homo sapiens
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: C1001246 ;
; CURRENT APPLICATION NUMBER: US/10/190,593 ;
; CURRENT FILING DATE: 2002-07-09 ;
; NUMBER OF SEQ ID NOS: 4 ;
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 4 ;
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
; US-10-190-593-4
Query Match 100.0%; Score 49; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 3.1; Length 387;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 NLRRMMWT 9
Db 131 NLRRMMWT 139

RESULT 8 ;
US-10-873-900-2 ;
; Sequence 2, Application US/10873900
; Publication No. US20040241179A1
; GENERAL INFORMATION: ;
; APPLICANT: Institute National De La Sante Et De La Recherche Medicale ;
; APPLICANT: Raposo, Gracia ;
; APPLICANT: Anigorena, Sebastian ;
; APPLICANT: Thery, Clotilde ;
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 702154003 KTM ;
; CURRENT APPLICATION NUMBER: US/10/873,900 ;
; CURRENT FILING DATE: 2004-06-21 ;
; PRIOR FILING DATE: 1999-11-23 ;
; NUMBER OF SEQ ID NOS: 6 ;
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2 ;
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-873-900-2
Query Match 100.0%; Score 49; DB 16; Length 387;
Best Local Similarity 100.0%; Pred. No. 3.1; Length 387;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 NLRRMMWT 9
Db 131 NLRRMMWT 139

RESULT 9 ;
US-10-485-360-7 ;
; Sequence 7, Application US/10485360
; Publication No. US2004019731A1 ;
; GENERAL INFORMATION: ;
; APPLICANT: Delcayre, Alain ;
; APPLICANT: Delcayre, Alain ;
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO ;
; CURRENT APPLICATION NUMBER: US/10/485,360 ;
; CURRENT FILING DATE: 2004-01-30 ;
; NUMBER OF SEQ ID NOS: 30 ;
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 27 ;
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence ;
; FEATURES: ;
; NAME/KSY: MISC FEATURE ;
; OTHER INFORMATION: Human IL12-human Lactadherin C1/C2 domain chimeric protein
; US-10-485-360-27
Query Match 100.0%; Score 49; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 3.8; Length 498;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 12
US-10-485-360-30
Sequence 30, Application US/10485360
Publication No. US20040197314A1
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
APPLICANT: Lepecq, Jean-Bernard
TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
FILE REFERENCE: B0094WO
CURRENT APPLICATION NUMBER: US10/485,360
CURRENT FILING DATE: 2004-01-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Version 3.1
SEQ ID NO: 30
LENGTH: 612
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: MISC_FEATURE
OTHER INFORMATION: Human Lactadherin-human C1040L chimeric protein

RESULT 13
US-10-408-765A-214
Query Match 100.0%; Score 49; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 4.6; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; MiMismatches 0; Indels 0; Gaps 0;
QY 1 NLRRMMWVT 9
Db 131 NLRRMMWVT 139

RESULT 14
US-10-408-765A-214
Query Match 100.0%; Score 49; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 4.6; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; MiMismatches 0; Indels 0; Gaps 0;
QY 1 NLRRMMWVT 9
Db 131 NLRRMMWVT 139

RESULT 15
US-10-767-701-59273
Sequence 59273, Application US/10767701
Publication No. US20040172684A1
GENERAL INFORMATION:
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Fahy, Eoin D.
APPLICANT: Zhang, Bing
APPLICANT: Gibson, Bradford W.
APPLICANT: Taylor, Steven W.
APPLICANT: Glenn, Gary M.
APPLICANT: Warnock, Dale E.
TITLE OF INVENTION: TAGENS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088_465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SEQ ID NO: 214
LENGTH: 2412
TYPE: PRT
ORGANISM: Homo sapiens

RESULT 16
US-10-408-765A-214
Query Match 83.7%; Score 41; DB 16; Length 2412;
Best Local Similarity 87.5%; Pred. No. 3.4e+02; 0; Mismatches 1; Indels 0; Gaps 0;
Matches 7; Conservative 1; MiMismatches 0; Indels 0; Gaps 0;
QY 1 NLRRMMWV 8
Db 866 NLRRMMWV 873

RESULT 17
US-09-864-408A-1242
Query Match 83.7%; Score 41; DB 16; Length 2412;
Best Local Similarity 87.5%; Pred. No. 3.4e+02; 0; Mismatches 1; Indels 0; Gaps 0;
Matches 7; Conservative 1; MiMismatches 0; Indels 0; Gaps 0;
QY 1 NLRRMMWV 7
Db 19 NLRRMMWV 25

Search completed: November 17, 2005, 21:24:17
Job time : 73.8571 secs

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GenCore version 5.1.6

Om protein - protein search, using sw model
Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds

(without alignments)
33.354 Million cell updates/sec

Title: US-09-744-804A-36
Perfect score: 49
Sequence: 1 NLRRMMWVT 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	49	100.0	160/ 2	US-08-162-402B-10
2	49	100.0	387/ 2	US-08-162-402B-6
3	49	100.0	465/ 2	US-08-162-402B-8
4	35	71.4	115/ 4	US-09-732-210-425
5	35	71.4	118/ 4	US-09-732-210-428
6	35	71.4	371/ 4	US-09-732-210-429
7	34	69.4	111/ 4	US-09-732-210-418
8	34	69.4	547/ 4	US-09-107-431-4585
9	34	69.4	732/ 4	US-09-583-110-2815
10	33	67.3	293/ 4	US-09-603-200A-126
11	33	67.3	567/ 4	US-09-232-991A-28481
12	32	65.3	22/ 3	US-08-940-095-163
13	32	65.3	22/ 3	US-08-940-093-163
14	32	65.3	22/ 3	US-08-940-096-163
15	32	65.3	22/ 3	US-09-455-719-163
16	32	65.3	22/ 3	US-09-453-605-163
17	32	65.3	22/ 3	US-09-453-838-163
18	32	65.3	22/ 4	US-08-940-130-163
19	32	65.3	22/ 4	US-09-453-841-163
20	32	65.3	22/ 4	US-09-453-833-163
21	32	65.3	22/ 4	US-09-453-820-163
22	32	65.3	22/ 4	US-09-453-840-163
23	32	65.3	22/ 4	US-09-453-889-163
24	32	65.3	22/ 4	US-09-453-834-163
25	32	65.3	61/ 4	US-09-621-976-5961
26	32	65.3	73/ 4	US-09-248-798A-26235
27	4	US-09-252-991A-29138		

ALIGNMENTS

RESULT 1
US-08-162-402B-10
; Sequence 10, Application US/08162402B
; Patent No. 597237
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KRALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLORIE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ FOR Windows Version 2.0
; CURRENT APPLICATION DATA: US/08/162-402B
; APPLICATION NUMBER: 03-DBC-1993
; FILING DATE: 03-DBC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Anzel, Vivian
; REGISTRATION NUMBER: 30, 930
; REFISTRATION NUMBER: P6 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 160 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide

Query Match 100.0%; Score 49; DB 2; Length 160;
Best Local Similarity 100.0%; Pred. No. 0.19; 0; Indels 0; Gaps 0;

QY 1 NILRRMWT 9
Db 53 NILRRMWT 71

RESULT 2
US-09-162-402B-6
; Sequence 6, Application US/08162402B
; Patent No. 5,972,337
; GENERAL INFORMATION:
; APPLICANT: CERTANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; TITLE OF INVENTION: 46 KDAUTON HUMAN MILK FAT GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEES: PRETTY, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIORITY: 03-DEC-1993
; PRIOR APPLICATION DATA:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REFERENCE/DOCKET NUMBER: 30, 930
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 465 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide

US-08-162-402B-8
Query Match 100.0%; Score 49; DB 2; Length 465;
Best Local Similarity 100.0%; Pred. No. 0.52; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NILRRMWT 9
Db 209 NILRRMWT 217

RESULT 4
US-09-732-210-425
; Sequence 425, Application US/09732210
; Patent No. 6,733,611
; GENERAL INFORMATION:
; APPLICANT: Bunker, Greg J.
; APPLICANT: Liang, Jihong
; APPLICANT: Mittal, Cindy A.
; APPLICANT: Seale, Jeffrey W.
; APPLICANT: Wu, Yonne S.
; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
; CURRENT APPLICATION NUMBER: US/09/732,210
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/169,513
; PRIOR FILING DATE: 1999-1-07
; PRIOR APPLICATION NUMBER: US 60/169,340
; PRIOR FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO: 425
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Marchantia polymorpha

US-09-162-402B-8
; Sequence 8, Application US/08162402B
; Patent No. 5,972,337
; GENERAL INFORMATION:
; APPLICANT: CERTANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; TITLE OF INVENTION: 46 KDAUTON HUMAN MILK FAT GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29

US-09-732-210-425
Query Match 71.4%; Score 35; DB 4; Length 115;
Best Local Similarity 71.4%; Pred. No. 40; Indels 0; Gaps 0;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3 LRRMWVT 9 ; Sequence 418, Application US/09732210
; Sequence 428, Application US/09732210
; Patent No. 6573361 ; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Bunkers, Greg J.
; APPLICANT: Liang, Jihong
; APPLICANT: Mittanck, Cindy A.
; APPLICANT: Seale, Jeffrey W.
; APPLICANT: Wu, Yonne S.
; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
; FILE REFERENCE: 3B-21(15036)B ; CURRENT APPLICATION NUMBER: US/09/732, 210
; CURRENT FILING DATE: 2000-12-07 ; PRIOR APPLICATION NUMBER: US 60/169, 513
; PRIOR APPLICATION NUMBER: US 60/169, 340 ; PRIOR FILING DATE: 1999-12-07
; PRIOR FILING DATE: 1999-12-07 ; PRIOR APPLICATION NUMBER: US 60/169, 340
; NUMBER OF SEQ ID NOS: 1753 ; NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO 428 ; SEQ ID NO 418
; LENGTH: 118 ; LENGTH: 111
; TYPE: PRT ; ORGANISM: Chlamydomonas reinhardtii
; ORGANISM: Pinus thunbergii ; US-09-732-210-428
; US-09-732-210-418
Query Match 71.4%; Score 35; DB 4; Length 118;
Best Local Similarity 71.4%; Pred. No. 41; Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 3 LRRMWVT 9 ; Sequence 4585, Application US/09107433
; Patent No. 65800744 ; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: ABUSGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107195_136 ; CURRENT APPLICATION NUMBER: US/09/252, 991A
; CURRENT FILING DATE: 1999-02-18 ; PRIOR APPLICATION NUMBER: US 60/074, 788
; PRIOR FILING DATE: 1998-02-18 ; PRIOR APPLICATION NUMBER: US 60/094, 190
; PRIOR FILING DATE: 1998-07-27 ; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 22960 ; SEQ ID NO 22960
; LENGTH: 371 ; LENGTH: 371
; TYPE: PRT ; ORGANISM: Pseudomonas aeruginosa
; ORGANISM: Pseudomonas aeruginosa ; US-09-252-991A-22960
Query Match 71.4%; Score 35; DB 4; Length 371;
Best Local Similarity 85.7%; Pred. No. 1.2e+00; Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 2 LURRMWV 8 ; ATTORNEY/AGENT INFORMATION:
; NAME: Arinello, Pamela Dencke
; REGISTRATION NUMBER: 40,489 ; TELECOMMUNICATION INFORMATION:
; REFERENCE/DOCKET NUMBER: GTC-011
; TELEPHONE: (781)893-5007 ; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4585:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 547 amino acids ; TYPE: amino acid
; US-09-732-210-418
RESULT 7 ; Sequence 418, Application US/09732210
; Patent No. 6573361 ; GENERAL INFORMATION:
; APPLICANT: Bunkers, Greg J.
; APPLICANT: Liang, Jihong
; APPLICANT: Mittanck, Cindy A.
; APPLICANT: Seale, Jeffrey W.
; APPLICANT: Wu, Yonne S.
; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
; FILE REFERENCE: 3B-21(15036)B ; CURRENT APPLICATION NUMBER: US/09/732, 210
; CURRENT FILING DATE: 2000-12-07 ; PRIOR APPLICATION NUMBER: US 60/169, 513
; PRIOR FILING DATE: 1999-12-07 ; PRIOR APPLICATION NUMBER: US 60/169, 340
; PRIOR FILING DATE: 1999-12-07 ; PRIOR APPLICATION NUMBER: US 60/169, 340
; NUMBER OF SEQ ID NOS: 1753 ; NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO 418 ; SEQ ID NO 418
; LENGTH: 111 ; LENGTH: 111
; TYPE: PRT ; ORGANISM: Chlamydomonas reinhardtii
; ORGANISM: Pinus thunbergii ; US-09-732-210-428
; US-09-732-210-418
Query Match 69.4%; Score 34; DB 4; Length 111;
Best Local Similarity 83.3%; Pred. No. 57; Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 4 RRMWVT 9 ; Sequence 5206, Application US/09107433
; Patent No. 65800744 ; GENERAL INFORMATION:
; APPLICANT: Lynn A. Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STREPTOCOCUS PNEUMONIAE FOR DIAGNO-
; THERAPEUTICS
; NUMBER OF SEQUENCES: 5206 ; CURRENT APPLICATION DATA:
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM 1S09660 ; ADDRESS: GENOME THERAPEUTICS CORPORATION
; COMPUTER: <Unknown> ; STREET: 100 Beaver Street
; OPERATING SYSTEM: <Unknown> ; CITY: Waltham
; SOFTWARE: <Unknown> ; STATE: Massachusetts
; COUNTRY: USA ; ZIP: 024354
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107, 433 ; COMPUTER: <Unknown>
; FILING DATE: 30-Jun-1998 ; OPERATING SYSTEM: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/ 085131 ; SOFTWARE: <Unknown>
; FILING DATE: May 12, 1998 ; ADDRESS: GENOME THERAPEUTICS CORPORATION
; APPLICATION NUMBER: 60/031553 ; CITY: Waltham
; FILING DATE: July 2, 1997 ; STATE: Massachusetts
; ATTORNEY/AGENT INFORMATION:
; NAME: Arinello, Pamela Dencke
; REGISTRATION NUMBER: 40,489 ; TELECOMMUNICATION INFORMATION:
; REFERENCE/DOCKET NUMBER: GTC-011
; TELEPHONE: (781)893-5007 ; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4585:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 547 amino acids ; TYPE: amino acid
; US-09-732-210-418
RESULT 7 ; Sequence 418, Application US/09732210
; Patent No. 6573361 ; GENERAL INFORMATION:
; APPLICANT: Bunkers, Greg J.
; APPLICANT: Liang, Jihong
; APPLICANT: Mittanck, Cindy A.
; APPLICANT: Seale, Jeffrey W.
; APPLICANT: Wu, Yonne S.
; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
; FILE REFERENCE: 3B-21(15036)B ; CURRENT APPLICATION NUMBER: US/09/732, 210
; CURRENT FILING DATE: 2000-12-07 ; PRIOR APPLICATION NUMBER: US 60/169, 513
; PRIOR FILING DATE: 1999-12-07 ; PRIOR APPLICATION NUMBER: US 60/169, 340
; PRIOR FILING DATE: 1999-12-07 ; PRIOR APPLICATION NUMBER: US 60/169, 340
; NUMBER OF SEQ ID NOS: 1753 ; NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO 418 ; SEQ ID NO 418
; LENGTH: 111 ; LENGTH: 111
; TYPE: PRT ; ORGANISM: Chlamydomonas reinhardtii
; ORGANISM: Pinus thunbergii ; US-09-732-210-428
; US-09-732-210-418

MOLECULAR TOPLOGY: linear
 PROTEIN TOPOLGY: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE: YES
 ORGANISM: streptococcus pneumoniae
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (B) LOCATION 1..547
 SEQUENCE DESCRIPTION: SEQ ID NO: 4585:
 US-09-107433-4585
 Query Match 69.4%; Score 34; DB 4; Length 547;
 Best Local Similarity 55.6%; Pred. No. 2.6e+02; 1; Mismatches 3; Indels 0; Gaps 0;
 Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 NLURRMWVT 9
 Db 109 SLUQRFWIT 117
 RESULT 9
 US-09-583-110-2815
 Sequence 2815 Application US/09583110
 ;
 Patent No. 6639703
 GENERAL INFORMATION:
 APPLICANT: Lynn Doucette-Stamm et al.
 TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
 FILE REFERENCE: PATH00-07A
 CURRENT APPLICATION NUMBER: US/09/583,110
 CURRENT FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/107,433
 PRIOR FILING DATE: 1998-06-30
 PRIOR APPLICATION NUMBER: US 60/085,131
 PRIOR FILING DATE: 1998-05-12
 PRIOR APPLICATION NUMBER: US 60/051,553
 PRIOR FILING DATE: 1997-07-02
 NUMBER OF SEQ ID NOS: 5322
 SEQ ID NO 2815
 LENGTH: 732
 TYPE: PRT
 ORGANISM: Streptococcus pneumoniae
 US-09-583-110-2815
 Query Match 69.4%; Score 34; DB 4; Length 732;
 Best Local Similarity 55.6%; Pred. No. 3.5e+02; 1; Mismatches 3; Indels 0; Gaps 0;
 Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 NLURRMWVT 9
 Db 109 SLUQRFWIT 117
 RESULT 10
 US-09-603-208A-126
 Sequence 126 Application US/09603208A
 ;
 Patent No. 6822084
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenstein et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 FILE REFERENCE: 107196_136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 28481
 LENGTH: 567
 TYPE: PRT
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-28481
 Query Match 67.3%; Score 33; DB 4; Length 567;
 Best Local Similarity 75.0%; Pred. No. 4.1e+02; 1; Mismatches 2; Indels 0; Gaps 0;
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 Qy 2 LURRMWVS 9
 Db 143 LURRMWVS 150
 RESULT 11
 US-09-252-991A-28481
 Sequence 28481 Application US/09252991A
 ;
 Patent No. 65151795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenstein et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 FILE REFERENCE: 107196_136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 28481
 LENGTH: 567
 TYPE: PRT
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-28481
 Query Match 67.3%; Score 33; DB 4; Length 567;
 Best Local Similarity 75.0%; Pred. No. 4.1e+02; 1; Mismatches 2; Indels 0; Gaps 0;
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 Qy 2 LURRMWVS 9
 Db 143 LURRMWVS 150
 RESULT 12
 US-08-940-095-163
 Sequence 163 Application US/08940095
 ;
 Patent No. 600925
 GENERAL INFORMATION:
 APPLICANT: Kim, Hyung-Joon
 TITLE OF INVENTION: CORYNEACTERIUM GLUTAMICUM GENES ENCODING STRESS,
 FILE REFERENCE: BGI-124CC
 CURRENT APPLICATION NUMBER: US/09/603,208A
 CURRENT FILING DATE: 2000-06-23
 PRIOR APPLICATION NUMBER: 60/141031
 PRIOR FILING DATE: 1999-06-25
 PRIOR APPLICATION NUMBER: 60/142692

APPLICANT: Dasseux, Jean-Louis
 APPLICANT: Sekul, Renate
 APPLICANT: Buttner, Klaus
 APPLICANT: Cornut, Isabelle
 APPLICANT: Metz, Gunther
 APPLICANT: Dufourcq, Jean
 TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS
 TITLE OF INVENTION: AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS
 NUMBER OF SEQUENCES: 258
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2811
 COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/940,093
 FILING DATE: 29-SEP-1997
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/940,095
 FILING DATE:
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 009196-0004-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-493-4935
 TELEX: 650-493-5556
 TELEFAX: 66141 PENNIE
 TELUX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 163:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 22 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: NO. 6037323e
 US-08-940-093-163

Query Match 65.3%; Score 32; DB 3; Length 22;
 Best Local Similarity 71.4%; Pred. No. 28;
 Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 1 NLLRRMW 7
 Db ||||| :
 8 NLLERLW 14

RESULT 14
 US-08-940-096-163
 ; Sequence 163, Application US/08940096
 ; Parent No. 6046166
 GENERAL INFORMATION:
 APPLICANT: Dasseux, Jean-Louis
 APPLICANT: Sekul, Renate
 APPLICANT: Buttner, Klaus
 APPLICANT: Cornut, Isabelle
 APPLICANT: Metz, Gunther
 TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS
 TITLE OF INVENTION: AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS
 NUMBER OF SEQUENCES: 258
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2811
 COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/940,096
 FILING DATE: 29-SEP-1997
 CLASSIFICATION: 530
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.

RESULT 13
 US-08-940-093-163
 Sequence 163, Application US/08940093
 ; Patent No. 6037323
 GENERAL INFORMATION:
 APPLICANT: Dasseux, Jean-Louis
 APPLICANT: Sekul, Renate
 APPLICANT: Buttner, Klaus
 APPLICANT: Cornut, Isabelle
 APPLICANT: Metz, Gunther
 TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS
 TITLE OF INVENTION: AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS
 NUMBER OF SEQUENCES: 258
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA

REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 09196-0005-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-493-4935
 TELEFAX: 650-493-5556
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 163:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 22 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 MOLECULE TYPE: No. 6046166e
 US-08-940-096-163

Query Match Similarity 65.3%; Score 32; DB 3; Length 22;
 Best Local Similarity 71.4%; Pred. No. 28; 1; Mismatches
 Matches 5; Conservative 1; Indels 0; Gaps 0;
 QY 1 NLLRRMW 7
 |||||:
 Db 8 NLLERLW 14

Search completed: November 17, 2005, 20:42:16
 Job time: 21.1429 BeCS

Query	Match	Similarity	Score	DB	Length	Indels	Gaps
QY	1	NLLRRMW	7			0	0
Db	8	NLLERLW	14			0	0

RESULT 15
 US-08-465-719-163
 Sequence 163: Application US/09465719
 Patent No. 6265377
 GENERAL INFORMATION:
 APPLICANT: Dasseux, Jean-Louis
 APPLICANT: Sekul, Renate
 APPLICANT: Butcher, Klaus
 APPLICANT: Cornut, Isabelle
 APPLICANT: Metz, Gunther
 TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS
 NUMBER OF INVENTIONS: AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS
 NUMBER OF SEQUENCES: 258
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Penning & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2811
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: PATSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/465,719
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/940,093
 FILING DATE: 29-SEP-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 09196-0006-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-493-4935
 TELEFAX: 650-493-5556
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 163:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 22 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 MOLECULE TYPE: No. 6265377e
 US-08-465-719-163

QY 1 NLFETPILA 9
Db 128 NLFETPILA 136

RESULT 2
US-07-607-538C-3
; Sequence 3, Application US/07607538C
; Patent No. 5155031
; GENERAL INFORMATION:
; APPLICANT: Coriani, Dr., Roberto L.
; APPLICANT: Peterson, Dr., Jerry A.
; TITLE OF INVENTION: POLYPEPTIDE WITH 46 DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VII LIGHT-CHAIN HOMOLOGIES, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF
; TITLE OF INVENTION: 5
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: V. Amzel & Assoc.
; STREET: 2055 No. 5455031th Broadway
; STATE: Walnut Creek
; CITY: California
; ZIP: 94596
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03 DEC 1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-489-4210
; TELEFAX: 213-489-4210
; TRIFAX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 amino acids
; REFERENCE/DOCKET NUMBER: CRPC-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 943-1931
; TELEFAX: (510) 943-1189
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 amino acids
; TYPE: amino acid
; STRANDBEADNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: protein
; FRAGMENT TYPE:
; US-07-607-538C-3

RESULT 4
US-09-364-185-3
; Sequence 3, Application US/09364185
; Patent No. 5156918
; GENERAL INFORMATION:
; APPLICANT: Coriani, Roberto L.
; APPLICANT: Peterson, Dr., Jerry A.
; TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ratner & Prestia
; STREET: Suite 301
; CITY: One Westlakes, Berwyn
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19482
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3.5"
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
; SOFTWARE: PatIn #1.0,
; SOFTWARE: Version #1.25

Query Match 100.0%; Score 45; DB 1; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.13; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 NLFETPILA 9
Db 186 NLFETPILA 194

RESULT 3
US-08-152-402B-3
; Sequence 3, Application US/08162402B
; Patent No. 592337
; GENERAL INFORMATION:
; APPLICANT: Coriani, Roberto L.
; APPLICANT: Peterson, Jerry A.
; APPLICANT: Larocca, David J.
; APPLICANT: Larocca, David J.

RESULT 7
US-09-364-185-2
; Sequence 2, Application US/09364185
; GENERAL INFORMATION:
; Patent No. 6396928
; APPLICANT: Ceriani, Roberto L.
; APPLICANT: Peterson, Jerry A.
; APPLICANT: Larocca, David J.
; TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
; TITLE OF INVENTION: KIT & METHODS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSE: Ratner & Prestia
; STREET: Suite 301
; CITY: Valley Forge
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19482
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3.5"
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
; SOFTWARE: Patent #1.0,
; SOFTWARE: Version #1.25
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,185
; FILING DATE: June 7, 1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Anzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 387 amino acids
; TYPE: amino acid
; STRANDBNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-09-364-185-2:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218 amino acids
; TYPE: amino acid
; STRANDBNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE:
; US-09-364-185-2:
; Query Match 100.0%; Score 45; DB 4; Length 218;
; Best Local Similarity 100.0%; Pred. No. 0.14; Indels 0; Gaps 0;
; Matches 9; Conservative 0; Mismatches 0;
; QY 1 NLFPETPIA 9
; Db 356 NLFPETPIA 364
; US-08-162-402B-6
; RESULT 9
US-08-162-402B-8
; Sequence 8, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSE: Petry, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Anzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215

ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Anzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 213-622-7700
 TELEX:
 IN INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 465 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: Peptide
 US-08-162-402B-8

Query Match 100.0%; Score 45; DB 2; Length 465;
 Best Local Similarity 100.0%; Pred. No. 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0;

Qy 1 NLFETPILA 9
 Db 434 NLFETPILA 442

RESULT 10
 US-08-162-402B-10
 Sequence 10, Application US/08162402B
 GENERAL INFORMATION:
 PATENT NO. 5972337
 APPLICANT: CERTANI, ROBERTO L.
 APPLICANT: PETERSON, JERRY A.
 APPLICANT: LAROCCA, DAVID J.
 TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
 TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
 NUMBER OF SEQUENCES: 29
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pretty, Schroeder & Poplawski
 STREET: 444 South Flower St., 19th Floor
 CITY: Los Angeles
 STATE: CA
 COUNTRY: USA
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107, 532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085, 598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Arinello, Pamela Deneka
 REGISTRATION NUMBER: 40, 489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781)893-5007
 TELEFAX: (781)893-8277
 INFORMATION FOR SEQ ID NO: 4799:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 291 amino acids
 TYPE: amino acid
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 213-622-7700
 TELEX:
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 160 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 US-08-162-402B-10

Query Match 82.2%; Score 37; DB 2; Length 160;
 Best Local Similarity 77.8%; Pred. No. 4; Gaps 0;
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 NLFETPILA 9
 Db 126 NLFETPVEA 134

RESULT 11
 US-09-107-5332A-4799
 Sequence 4799, Application US/09107532A
 GENERAL INFORMATION:
 PATENT NO. 6583275
 APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTY: USA
 ZIP: 024354
 COMPUTER READABLE FORM:
 MEDIUM TYPE: CD-ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107, 532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085, 598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Arinello, Pamela Deneka
 REGISTRATION NUMBER: 40, 489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781)893-5007
 TELEFAX: (781)893-8277
 INFORMATION FOR SEQ ID NO: 4799:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 291 amino acids
 TYPE: amino acid
 MOLECULE TYPE: Protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 NAME/KEY: misc feature
 FEATURE:
 LOCATION: (B) LOCATION 1..291
 SEQUENCE DESCRIPTION: SEQ ID NO: 4799:
 US-09-107-5332A-4799

Query Match 80.0%; Score 36; DB 4; Length 291;
 Best Local Similarity 85.7%; Pred. No. 14; Gaps 0;
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLFETPIL 7
 Db 235 NLFETPV 241

RESULT 12
 US-09-270-767-35916
 Sequence 35916, Application US/09270767
 PATENT NO. 6703491
 GENERAL INFORMATION:
 APPLICANT: Homburger et al
 TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 FILE REFERENCE: File Reference: 7326-094

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; CURRENT APPLICATION NUMBER: US/09/270,767
; NUMBER OF SEQ ID NOS: 62517
; SEQ ID NO: 35916
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-35916

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Best Local Similarity 75.0%; Pred. No. 10; Mismatches 1; Indels 0; Gaps 0;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 1 NLFPETPIL 8
Db 37 NYFETPIL 44

RESULT 13
; SEQUENCE 51133 Application US/09270767
; PATENT NO. 62517
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 51133
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-51133

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Best Local Similarity 75.0%; Pred. No. 10; Mismatches 1; Indels 0; Gaps 0;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
Qy 1 NLFPETPIL 8
Db 37 NYFETPIL 44

RESULT 14
; SEQUENCE 8 Application US/09520781
; PATENT NO. 6269866
; GENERAL INFORMATION:
; APPLICANT: Shimkeek, Richard A.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEREBY
; FILE REFERENCE: 15966540 No. 62698661 Polynucleotides
; CURRENT APPLICATION NUMBER: US/09/520,781
; CURRENT FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: USSN 60/123,667
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 8
; LENGTH: 195
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-520-781-8

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Best Local Similarity 75.0%; Pred. No. 23; Mismatches 1; Indels 0; Gaps 0;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 1 NLFPETPIL 8
Db 51 NYFSTPIL 59

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GenCore version 5.1.6
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Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds

51.686 Million cell updates/sec

Title: US-09-744-804A-37
Perfect score: 45

Sequence: NLFPFTPLIA 9

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RESULTS
US-10-038-252-3
; Sequence 3, Application US/10038252
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
INVENTOR: Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDA LYTIC HMG
NUMBER OF SEQUENCES: 5
SPECIFICITY, COMPOSITION, KIT & METHODS
CORRESPONDENCE ADDRESS:
ADDRESSEE: V. Anzel & Assoc.
STREET: P.O.Box 159
CITY: Gladwyne
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19035

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patwin #1.0,
Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038-252
FILING DATE: 02-JAN-2002
CLASSIFICATION: Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Anzel, Viviana
REGISTRATION NUMBER: 30,910
REFERENCE/DOCKET NUMBER: CRFC-047

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	45	100.0	218	15	US-10-038-252-2 Sequence 2, Appli
3	45	100.0	320	16	US-10-485-360-24 Sequence 24, Appli
4	45	100.0	335	16	US-10-408-775A-174 Sequence 1474, Appli
5	45	100.0	340	16	US-10-485-360-25 Sequence 25, Appli
6	45	100.0	343	14	US-10-190-593-2 Sequence 2, Appli
7	45	100.0	343	16	US-10-185-360-8 Sequence 8, Appli
8	45	100.0	379	15	US-10-190-260A-3405 Sequence 3405, Appli
9	45	100.0	387	14	US-10-190-593-4 Sequence 4, Appli
10	45	100.0	387	16	US-10-873-900-2 Sequence 2, Appli
11	45	100.0	395	16	US-10-485-360-7 Sequence 7, Appli

TELEPHONE: 610-649-0609
 TELEFAX: 240-359-0299
 TITLE: N. A.
 INFORMATION FOR SEQ ID NO: 3:
 SBQUENCE CHARACTERISTICS:
 LENGTH: 217
 TYPE: amino acid
 MOLECULE TYPE: protein
 FRAGMENT TYPE: <Unknown>
 STRANDEDNESS: <Unknown>
 MATCHES: 9; Conservative 9; Mismatches 0; Indels 0; Gaps 0;
 QY 1 NLFPETPIL 9
 Db 187 NLFPETPIL 195
 ;
 RESULT 2
 US-10-038-252-2
 Sequence 2, Application US/10038252
 Publication No. US20040197314A1
 GENERAL INFORMATION:
 APPLICANT: Delcavre, Alain
 LAROCHE, David J.
 Peterean, Jerry A.
 TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDAUTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY, COMPOSITION, KIT & METHODS
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: V. Amzel & ASSOC.
 STREET: P.O. Box 159
 CITY: Gladwyne
 STATE: Pennsylvania
 COUNTRY: USA
 ZIP: 19035
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk 3.5"
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 SOFTWARE: Patentin #1.0,
 Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US10/038,252
 FILING DATE: 0-Jan-2002
 CLASSIFICATION: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Amzel, Viviana
 REGISTRATION NUMBER: 30,930
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 610-649-0609
 TELEX: 240-359-0299
 ;
 INFORMATION FOR SEQ ID NO: 2:
 SBQUENCE CHARACTERISTICS:
 LENGTH: 218 amino acids
 TYPE: amino acid
 STRANDEDNESS: <Unknown>
 MOLECULE TYPE: protein
 FRAGMENT TYPE: <Unknown>
 SBQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-10-038-252-2
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 Best Local Similarity 100.0%; Pred. No. 0.65;
 ;
 RESULT 3
 US-10-485-350-24
 Sequence 24, Application US/10485360
 Publication No. US20040197314A1
 GENERAL INFORMATION:
 APPLICANT: Le Pecc, Jean-Bernard
 TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 FILE REFERENCE: B009.WO
 CURRENT APPLICATION NUMBER: US10/485,360
 CURRENT FILING DATE: 2004-01-30
 NUMBER OF SEQ ID NOS: 30
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 24
 LENGTH: 320
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: MISC_FEATURE
 OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
 US-10-485-360-24
 Query Match 100.0%; Score 45; DB 16; Length 320;
 Best Local Similarity 100.0%; Pred. No. 0.99; Mismatches 0; Indels 0; Gaps 0;
 MATCHES: 9; Conservative 9; Mismatches 0; Indels 0; Gaps 0;
 QY 1 NLFPETPIL 9
 Db 281 NLFPETPIL 289
 ;
 RESULT 4
 US-10-408-765A-1474
 Sequence 1474, Application US/10408765A
 Publication No. US20040101874A1
 GENERAL INFORMATION:
 APPLICANT: Ghosh, Sounmitra S.
 APPLICANT: Fahy, Boin D.
 APPLICANT: Zhang, Bing
 APPLICANT: Gibson, Bradford W.
 APPLICANT: Taylor, Steven W.
 APPLICANT: Glenn, Gary M.
 APPLICANT: Warnock, Dale E.
 TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
 TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
 FILE REFERENCE: 660088.465
 CURRENT APPLICATION NUMBER: US10/408,765A
 CURRENT FILING DATE: 2003-04-04
 NUMBER OF SEQ ID NOS: 3077
 SOFTWARE: FASTSEQ for Windows Version 4.0
 SEQ ID NO: 174
 LENGTH: 335
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-408-765A-1474
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 Best Local Similarity 100.0%; Pred. No. 1; Mismatches 0; Indels 0; Gaps 0;
 MATCHES: 9; Conservative 9; Mismatches 0; Indels 0; Gaps 0;
 QY 1 NLFPETPIL 9
 Db 304 NLFPETPIL 312
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 RESULT 5

US-10-485-360-25
; Sequence 25, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcaye, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25 LENGTH: 340
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
US-10-485-360-25
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Best Local Similarity 100.0%; Pred. No. 1.1; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 NLFETPILA 9
Db 304 NLFETPILA 312
RESULT 6
US-10-190-593-2
; Sequence 2, Application US/10190593
; Publication No. US2003002221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2 LENGTH: 343
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-2
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Qy 1 NLFETPILA 9
Db 301 NLFETPILA 309
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US-10-485-360-8
; Sequence 8, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: DELCAYE, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8 LENGTH: 340
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-8
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Qy 1 NLFETPILA 9
Db 304 NLFETPILA 312
RESULT 8
US-10-108-260A-3405
; Sequence 3405, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: NO. US20040005560A1 full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3405 LENGTH: 379
; TYPE: PRT
; ORGANISM: Homo sapiens
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Db 348 NLFETPILA 356
RESULT 9
US-10-190-593-4
; Sequence 4, Application US/10190593
; Publication No. US2003002221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4 LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-4
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Best Local Similarity 100.0%; Pred. No. 1.2; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 NLFETPILA 9
Db 356 NLFETPILA 364
RESULT 10
US-10-873-900-2
; Sequence 2, Application US/10873900

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Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institute National De La Sante Et De La Recherche Medicale
; APPLICANT: Raposo, Gracia
; APPLICANT: Amigorena, Sebastian
; APPLICANT: Thery, Clicilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215-4003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; PRIOR FILING DATE: 1998-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.2
; SEQ ID NO: 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-873-900-2

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Matches 9; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

QY 1 NLFPETPILA 9
Db 356 NLFPETPILA 364

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US-10-485-360-7
Sequence 7, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcavre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin version 3.1
; SEQ ID NO: 7
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-7

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Db 356 NLFPETPILA 364

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Sequence 26, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcavre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin version 3.1
; SEQ ID NO: 30
; LENGTH: 512
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: MISC FEATURE
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
US-10-485-360-30

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Best Local Similarity 100.0%; Pred. No. 2; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

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Db ||||||| 356 NLFETPILA 364
RESULT 15
US-10-425-115-226849
; Sequence 226849, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovacic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 3B-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 226849
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRR4577_138472C.1.pep
US-10-425-115-226849

Query Match 82.2%; Score 37; DB 16; Length 98;
Best Local Similarity 77.8%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
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Db 32 NLFETPVEA 40

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Job time : 73.8571 SECs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds

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Perfect score: 46

Sequence: 1 NLIFETPVKA 9

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Post-processing: Minimum Match 0%
Maximum Match 100%
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	46	100.0	217	4	US-09-364-195-3
5	46	100.0	218	1	US-07-538C-2
6	46	100.0	218	2	US-08-162-402B-2
7	46	100.0	218	4	US-09-364-195-2
8	46	100.0	387	2	US-08-162-402B-6
9	46	100.0	465	2	US-08-162-402B-8
10	38	82.6	2261	4	US-09-526-133A-1
11	38	82.6	2261	4	US-09-032-428C-118
12	38	82.6	2261	4	US-09-596-1A1C-2
13	38	82.6	2261	4	US-09-596-1A1C-8
14	38	82.6	2261	4	US-09-596-1A1C-10
15	38	82.6	2261	4	US-09-595-536C-2
16	38	82.6	2261	4	US-09-595-536C-8
17	38	80.4	159	2	US-09-162-402B-12
18	37	80.4	291	4	US-09-107-532A-4799
19	37	80.4	291	4	US-08-162-402B-26
20	36	78.3	14	US-09-328-312-7341	
21	34	73.9	429	4	US-09-328-312-7341
22	33	71.7	240	4	US-09-248-796A-18696
23	33	71.7	364	4	US-09-210-767-35509
24	33	71.7	364	4	US-09-370-767-50726
25	33	71.7	737	4	US-09-602-787A-182
26	32	69.6	306	3	US-08-84-002A-8
27	69.6	4	US-09-248-796A-16314		

RESULT 1	US-08-162-402B-10
;	Sequence 10, Application US/08162402B
;	Patent No. 597237
;	GENERAL INFORMATION:
;	APPLICANT: CERIANI, ROBERTO L.
;	APPLICANT: PETERSON, JERRY A.
;	APPLICANT: LARCCA, DAVID J.
;	TITLE OF INVENTION: KDALTON HUMAN MILK FAT GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
;	NUMBER OF SEQUENCES: 29
;	CORRESPONDENCE ADDRESS:
;	ADDRESSEE: Pretty, Schroeder & Poplawski
;	STREET: 444 South Flower St., 19th Floor
;	CITY: Los Angeles
;	STATE: CA
;	COUNTY: USA
;	ZIP: 90071
;	COMPUTER READABLE FORM:
;	MEDIUM TYPE: Diskette
;	COMPUTER: IBM Compatible
;	OPERATING SYSTEM: DOS
;	SOFTWARE: FastSeq for Windows Version 2.0
;	CURRENT APPLICATION DATA:
;	APPLICATION NUMBER: US/08/162.402B
;	FILING DATE: 03-DEC-1993
;	CLASSIFICATION: 435
;	PRIOR APPLICATION DATA:
;	APPLICATION NUMBER:
;	FILING DATE:
;	ATTORNEY/AGENT INFORMATION:
;	NAME: Amzel, Viviana
;	REGISTRATION NUMBER: 30,930
;	REFERENCE/DOCKET NUMBER: P66 38215
;	TELECOMMUNICATION INFORMATION:
;	TELEPHONE: 213-622-7700
;	TELEFAX: 213-489-4210
;	TELEX:
;	INFORMATION FOR SEQ ID NO: 10:
;	SEQUENCE CHARACTERISTICS:
;	LENGTH: 160 amino acids
;	TYPE: amino acid
;	STRANDBNESS: unknown
;	TOPOLOGY: unknown
;	MOLECULE TYPE: peptide
;	US-08-162-402B-10

Query Match 100.0%; Score 46; DB 2; Length 160;
Best Local Similarity 100.0%; Pred. No. 0.0%; Mismatches 0; Indels 0; Gaps 0;

RESULT 2
US-07-607-538C-3
; Sequence 3, Application US/07607538C
; Parent No. 5455031
; GENERAL INFORMATION:
; APPLICANT: Larocca, David J.
; APPLICANT: Cerriani, Roberto L.
; APPLICANT: Peterson, Jerry A.
; APPLICANT: Larocca, David J.
; ADDRESSEE: V. Amzel & Assoc.
; STREET: Walnut Creek
; CITY: California
; STATE: USA
; COUNTRY: USA
; ZIP: 94596
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07-607-538C
; FILING DATE: 01-NOV-1990
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Viviana Amzel
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: CRFCC-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 943-1931
; TELEFAX: (510) 943-1189
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 3:
; LENGTH: 217 amino acids
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE:
; US-07-607-538C-3

Query Match 100 %; Score 46; DB 1; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.13; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 24 NLFETPVEA 32

RESULT 3
US-08-162-402B-3
; Sequence 3, Application US/08162402B
; Parent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: Cerriani, ROBERTO L.
; APPLICANT: Peterson, JERRY A.
; APPLICANT: Larocca, DAVID J.
; APPLICANT: Larocca, DAVID J.

RESULT 3
US-08-162-402B-3
; Sequence 3, Application US/08162402B
; Parent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: Cerriani, Roberto L.
; APPLICANT: Peterson, Jerry A.
; APPLICANT: Larocca, David J.
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disquette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PASED for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08-162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-3

Query Match 100 %; Score 46; DB 2; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.13; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 24 NLFETPVEA 32

RESULT 4
US-03-364-185-3
; Sequence 3, Application US/09364185
; Parent No. 6596928
; GENERAL INFORMATION:
; APPLICANT: Cerriani, Roberto L.
; APPLICANT: Peterson, Jerry A.
; APPLICANT: Larocca, David J.
; TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS: Ratner & Prestia
; ADDRESSEE: Suite 301
; STREET: One Westlakes, Berwyn
; CITY: Valley Forge
; STATE: Pennsylvania
; ZIP: 19482
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3.5"
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
; SOFTWARE: PatentIn #1.0,
; Version #1.25

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,185
; FILING DATE: June 7, 1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: CRFC-046
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 407-0700
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: peptide
; MOLECULE TYPE: protein
; FRAGMENT TYPE:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE:
; US-09-364-185-3

RESULT 5
US-07-607-538C-2
; Sequence 2, Application US/07607538C
; Patent No. 5455031
; GENERAL INFORMATION:
; APPLICANT: Ceriani Dr., Roberto L.
; APPLICANT: Peterson Dr., Jerry A.
; APPLICANT: Larocca, David J.
; TITLE OF INVENTION: POLYPEPTIDE WITH 46 DIFFERENTIATION ANTIGEN BINDING SPECIVITY AND CLOTTING FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF
; TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: V. Amzel & Assoc.
; STREET: 2055 No. 5455031th Broadway
; CITY: Walnut Creek
; STATE: California
; COUNTRY: USA
; ZIP: 94596
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEX: 213-489-4210
; FAX: 213-489-4210
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-2

Query Match 100.0%; Score 46; DB 2; Length 218;
; Best Local Similarity 100.0%; Pred. No. 0.13; 0; Mismatches 0;
; Matches 9; Conservative 0; Indels 0; Gaps 0;

Qy 1 NLFETPVEA 9
Db 25 NLFETPVEA 33

RESULT 6
US-08-162-402B-2
; Sequence 2, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KUHLTON HUMAN MILK FAT
; TITLE OF INVENTION: 46 KUHLTON HUMAN MILK FAT
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEX: 213-489-4210
; FAX: 213-489-4210
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-2

Query Match 100.0%; Score 46; DB 2; Length 218;
; Best Local Similarity 100.0%; Pred. No. 0.13; 0; Mismatches 0;
; Matches 9; Conservative 0; Indels 0; Gaps 0;

Qy 1 NLFETPVEA 9
Db 25 NLFETPVEA 33

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

GENERAL INFORMATION:
 APPLICANT: Cerriani, Roberto L.
 APPLICANT: Peterson, Jerry A.
 APPLICANT: Larocca, David J.
 TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Rainer & Prestia
 STREET: Suite 301
 CITY: One Westlakes, Berwyn
 STATE: Pennsylvania
 COUNTRY: USA
 ZIP: 19482
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk 3.5"
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ FOR Windows Version 2.0
 SOFTWARE: PC-DOS/MS-DOS 5.0
 SOFTWARE: Patientin #1.0
 SOFTWARE: Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/364,185
 FILING DATE: June 7, 1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Amzel, Viviana
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: CRFC-046
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (610) 407-0700
 TELEFAX: (610) 407-0701
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 218 amino acids
 TYPE: amino acid
 STRANDEDNESS: linear
 MOLECULAR TYPE: protein
 FRAGMENT TYPE:
 US-09-364-185-2

Query Match 100.0%; Score 46; DB 4; Length 218;
 Best Local Similarity 100.0%; Pred. No. 0.13; 0; Mismatches 0;
 Matches 9; Conservative 0; Indels 0; Gaps 0;

Qy	Db	1	NLFPTPEVA	9
		194	NLFPTPEVA	202

RESULT 8
 US-08-162-402B-6
 Sequence 6, Application US/08162402B
 Patent No. 592337
 GENERAL INFORMATION:
 APPLICANT: CERRIANI, ROBERTO L.
 APPLICANT: PETERSON, JERRY A.
 APPLICANT: LAROCCA, DAVID J.
 TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
 TITLE OF INVENTION: GLOBULE (HMG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
 NUMBER OF SEQUENCES: 29
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PRETTY, Schroeder & Poplawski
 STREET: 444 South Flower St., 19th Floor
 CITY: Los Angeles
 STATE: CA
 COUNTRY: USA
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ FOR Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/162,402B
 FILING DATE: 03-DEC-1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Amzel, Viviana
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: P66 38215

GENERAL INFORMATION:
 APPLICANT: Cerriani, Roberto L.
 APPLICANT: Peterson, Jerry A.
 APPLICANT: Larocca, David J.
 TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Rainer & Prestia
 STREET: Suite 301
 CITY: One Westlakes, Berwyn
 STATE: Pennsylvania
 COUNTRY: USA
 ZIP: 19482
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ FOR Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/162,402B
 FILING DATE: 03-DEC-1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Amzel, Viviana
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: P66 38215

GENERAL INFORMATION:
 APPLICANT: Cerriani, Roberto L.
 APPLICANT: Peterson, Jerry A.
 APPLICANT: Larocca, David J.
 TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PRETTY, Schroeder & Poplawski
 STREET: 444 South Flower St., 19th Floor
 CITY: Los Angeles
 STATE: CA
 COUNTRY: USA
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ FOR Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/162,402B
 FILING DATE: 03-DEC-1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Amzel, Viviana
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: P66 38215

TELECOMMUNICATION INFORMATION:

; TELEPHONE: 213-622-7700

; TELEFAX: 213-489-4210

; TELEX:

INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 465 amino acids

; TYPE: amino acid

; STRANDEDNESS: unknown

; TOPOLogy: unknown

; MOLECULE TYPE: peptide

US-08-162-02B-8

Query Match 100.0%; Score 46; DB 2; Length 465;

Best Local Similarity 100.0%; Pred. No. 0.3%; Mismatches 0; Indels 0; Gaps 0;

Ov 1 NLFETPVEA 9
Db 272 NLFETPVEA 280

RESULT 10

US-09-526-193A-1

; Sequence 1, Application US/09526193A

; Patent No. 6,171,722

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Pimstone, Simon N.

; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING

; TITLE OF INVENTION: CHOLESTEROL LEVELS

; FILE REFERENCE: 50110/002005

; CURRENT APPLICATION NUMBER: US/09/526,193A

; CURRENT FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: 60/151,977

; PRIOR FILING DATE: 1999-09-01

; NUMBER OF SEQ ID NOS: 287

; SOFTWARE: FASTSEQ for Windows Version 4.0

; SEQ ID NO 1

; LENGTH: 2261

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-526-193A-1

Query Match 82.6%; Score 38; DB 4; Length 2261; Best Local Similarity 87.5%; Pred. No. 74; Mismatches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Ov 1 NLFETPVE 8
Db 808 NLFESPVE 815

RESULT 11

US-09-032-438C-11B

; Sequence 11B, Application US/09032438C

; Patent No. 6,713,300

; GENERAL INFORMATION:

; APPLICANT: Rattner, Amir

; APPLICANT: Sun, Hui

; APPLICANT: Lupski, James R.

; APPLICANT: Nathans, Jeremy

; APPLICANT: Anderson, Kent L.

; APPLICANT: Leppert, Mark

; APPLICANT: Dean, Michael

; APPLICANT: Singh, Nanda

RESULT 12

US-09-596-141C-2

; Sequence 2, Application US/09596141C

; Patent No. 6,831,774

; GENERAL INFORMATION:

; APPLICANT: Lawn, Richard M.

; APPLICANT: Wade, David

; APPLICANT: Oram, John F.

; APPLICANT: Garvin, Michael

; TITLE OF INVENTION: Compositions and Methods for Increasing Cholesterol

; TITLE OF INVENTION: Efflux and Raising HDL using ATP Binding Cassette

; FILE REFERENCE: 99,395-B

; CURRENT APPLICATION NUMBER: US/09/596,141C

; CURRENT FILING DATE: 2000-06-16

; PRIOR APPLICATION NUMBER: US 60/140,264

; PRIOR FILING DATE: 1999-06-18

; PRIOR APPLICATION NUMBER: US 60/153,872

; PRIOR FILING DATE: 1999-09-14

; PRIOR APPLICATION NUMBER: US 60/166,573

; NUMBER OF SEQ ID NOS: 62

; SEQ ID NO 2

; LENGTH: 2261

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-596-141C-2

Query Match 82.6%; Score 38; DB 4; Length 2261; Best Local Similarity 87.5%; Pred. No. 74; Mismatches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Ov 1 NLFETPVE 8
Db 808 NLFESPVE 815

RESULT 13

US-09-596-141C-8

; Sequence 8, Application US/09596141C

; Patent No. 6,821,774

; GENERAL INFORMATION:

; APPLICANT: Law, Richard M.

```

APPLICANT: Wade, David
APPLICANT: Oram, Michael
APPLICANT: Garvin, John F.
APPLICANT: Oram, John F.
APPLICANT: Garvin, Michael
TITLE OF INVENTION: Compositions and Methods for Increasing Cholesterol Efflux and Raising HDL using ATP Binding Cassette
TITLE OF INVENTION: Transporter Protein ABC1
FILE REFERENCE: 99_395-B
CURRENT APPLICATION NUMBER: US/09/596,141C
CURRENT FILING DATE: 2000-06-16
PRIORITY APPLICATION NUMBER: US 60/140,264
PRIORITY FILING DATE: 1999-06-18
PRIORITY APPLICATION NUMBER: US 60/153,872
PRIORITY FILING DATE: 1999-09-14
PRIORITY APPLICATION NUMBER: US 60/166,573
PRIORITY FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 62
SEQ ID NO 8
LENGTH: 2261
TYPE: PRT
ORGANISM: Homo sapiens
;US-09-596-141C-8

Query Match
Best Local Similarity 82.6%; Score 38; DB 4; Length 2261;
Matches 7; Conservative 87.5%; Pred. No. 74; Mismatches 0; Indels 0; Gaps 0;
Qy 1 NLFPETPVE 8
Db 808 NLFESPVE 815

RESULT 14
US-09-596-141C-10
Sequence 10, Application US/09596141C
Patent No. 6821774
GENERAL INFORMATION:
APPLICANT: Lawn, Richard M.
APPLICANT: Wade, David
APPLICANT: Oram, John F.
APPLICANT: Garvin, Michael
TITLE OF INVENTION: Compositions and Methods for Increasing Cholesterol Efflux and Raising HDL using ATP Binding Cassette
TITLE OF INVENTION: Transporter Protein ABC1
FILE REFERENCE: 99_395-A
CURRENT APPLICATION NUMBER: US/09/595,526C
CURRENT FILING DATE: 2000-06-16
PRIORITY APPLICATION NUMBER: US 60/140,264
PRIORITY FILING DATE: 1999-06-18
PRIORITY APPLICATION NUMBER: US 60/153,872
PRIORITY FILING DATE: 1999-09-14
PRIORITY APPLICATION NUMBER: US 60/166,573
PRIORITY FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 62
SEQ ID NO 2
LENGTH: 2261
TYPE: PRT
ORGANISM: Homo sapiens
;US-09-595-526C-2

Query Match
Best Local Similarity 82.6%; Score 38; DB 4; Length 2261;
Matches 7; Conservative 87.5%; Pred. No. 74; Mismatches 0; Indels 0; Gaps 0;
Qy 1 NLFPETPVE 8
Db 808 NLFESPVE 815

Search completed: November 17, 2005, 20:42:18
Job time : 21.1429 secs

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Sequence 3, Application US/10038252
 Publication No. US20040076629A1
 GENERAL INFORMATION:
 APPLICANT: Ceriani, Roberto L.
 Peterson, Jerry A.
 Larocca, David J.
 TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMFG
 DIFFERENTIATION ANTIGEN BINDING
 SPECIFICITY, COMPOSITION, KIT & METHODS
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: V. Amzel & Assoc.
 STREET: P.O. Box 159
 CITY: Gladwyne
 STATE: Pennsylvania
 COUNTRY: USA
 ZIP: 19035
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 SOFTWARE: Patentin #1.0,
 Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/038,252
 FILING DATE: 02-Jan-2002
 CLASSIFICATION: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Amzel, Viviana
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: CRFC-047
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 610-649-0609
 TELEFAX: 240-359-0299
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 217
 TYPE: amino acid
 STRANDEDNESS: <Unknown>
 MOLECULE TYPE: protein
 TOPOLOGY: linear
 FRAGMENT TYPE: <Unknown>
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 Query Match 100.0%; Score 46; DB 15; Length 217;
 Best Local Similarity 100.0%; Pred. No. 0.48; Mismatches 0;
 Matches 9; Conservative 0; Indels 0; Gaps 0;
 Qy 1 NLFPETPVEA 9
 Db 25 NLFPETPVEA 33
 RESULT 3
 US-10-038-252-2
 Sequence 2, Application US/10038252
 Publication No. US20040076629A1
 GENERAL INFORMATION:
 APPLICANT: Delcayre, Alain
 Le Pecc, Jean-Bernard
 TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 FILE REFERENCE: B01094WO
 CURRENT APPLICATION NUMBER: US/10/0485,360
 CURRENT FILING DATE: 2004-01-30
 NUMBER OF SEQ ID NOS: 30
 SOFTWARE: Patentin version 3.1
 SEQ ID NO 22
 LENGTH: 318
 TYPE: PRT
 FEATURE: ORGANISM: Artificial sequence
 NAME/KEY: MISC FEATURE
 OTHER INFORMATION: Human IL12-human Lactadherin C1 domain chimeric protein
 US-10-485-360-22
 Query Match 100.0%; Score 46; DB 16; Length 318;
 Best Local Similarity 100.0%; Pred. No. 0.74; Mismatches 0;
 Matches 9; Conservative 0; Indels 0; Gaps 0;
 Qy 1 NLFPETPVEA 9
 Db 279 NLFPETPVEA 287
 RESULT 5
 US-10-408-765A-1474
 Sequence 1474, Application US/10408765A

CITY: Gladwyne
 STATE: Pennsylvania
 COUNTRY: USA

; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Robin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; CURRENT APPLICATION NUMBER: US10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOC: 3077
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1474
; LENGTH: 335
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-190-593-2

Query Match 100.0%; Score 46; DB 16; Length 335;
Best Local Similarity 100.0%; Pred. No. 0.78; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 194 NLFETPVEA 202

RESULT 6
US-10-485-360-23
; Sequence 23, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 336
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: MISC FEATURE
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1 domain chimeric protein
; US-10-485-360-23

Query Match 100.0%; Score 46; DB 16; Length 336;
Best Local Similarity 100.0%; Pred. No. 0.78; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 194 NLFETPVEA 202

RESULT 8
US-10-485-360-8
; Sequence 8, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-485-360-8

Query Match 100.0%; Score 46; DB 16; Length 343;
Best Local Similarity 100.0%; Pred. No. 0.8; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 194 NLFETPVEA 202

RESULT 9
US-10-108-260A-3405
; Sequence 3405, Application US/10108260A
; Publication No. US2004005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US2004005560A1 full length cDNA
; FILE REFERENCE: H-A106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3405
; LENGTH: 379
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-108-260A-3405

Query Match 100.0%; Score 46; DB 15; Length 379;
Best Local Similarity 100.0%; Pred. No. 0.89; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 186 NLFETPVEA 194

RESULT 7
US-10-190-593-2
; Sequence 2, Application US/10190593
; Publication No. US2003002221A1
; GENERAL INFORMATION:
; APPLICANT: Langat, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593

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RESULT 10 ; SOFTWARE: PatentIn version 3.1
US-10-190-593-4 ; SEQ ID NO: 7
; Sequence 4, Application US/10190593
; Publication No. US2003002221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emmanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND USES THEREOF
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL0011245
; CURRENT APPLICATION NUMBER: US/10/190,593
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO: 4
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
; US-10-190-593-4

Query Match Similarity 100.0%; Score 46; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.91; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Misnmatches 0; Indels 0; Gaps 0;

Qy 1 NLFBTPVEA 9 ; QY 1 NLFBTPVEA 9
Db 194 NLFBTPVEA 202 ; DB 194 NLFBTPVEA 202

RESULT 11 ; LENGTH: 387
US-10-873-900-2 ; SEQ ID NO: 2
; Sequence 2, Application US/10873900
; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institut National De La Sante Et De La Recherche Medicale
; APPLICANT: Rapoport, Gracia
; APPLICANT: Amigorena, Sebastian
; APPLICANT: Thery, Clotilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215_4003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; PRIOR FILING DATE: 1999-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-873-900-2

Query Match Similarity 100.0%; Score 46; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.91; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Misnmatches 0; Indels 0; Gaps 0;

Qy 1 NLFBTPVEA 9 ; QY 1 NLFBTPVEA 9
Db 194 NLFBTPVEA 202 ; DB 194 NLFBTPVEA 202

RESULT 12 ; LENGTH: 387
US-10-485-360-7 ; SEQ ID NO: 7
; Sequence 7, Application US/10485360
; Publication No. US2004019731A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Peccq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 27
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
; NAME/KEY: MISC_FEATURE
; US-10-485-360-7

Query Match Similarity 100.0%; Score 46; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 1.2; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Misnmatches 0; Indels 0; Gaps 0;

Qy 1 NLFBTPVEA 9 ; QY 1 NLFBTPVEA 9
Db 194 NLFBTPVEA 202 ; DB 194 NLFBTPVEA 202

RESULT 13 ; LENGTH: 480
US-10-485-360-26 ; SEQ ID NO: 26
; Sequence 26, Application US/0485360
; Publication No. US2004019731A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Peccq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 26
; LENGTH: 480
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
; NAME/KEY: MISC_FEATURE
; US-10-485-360-26

Query Match Similarity 100.0%; Score 46; DB 16; Length 480;
Best Local Similarity 100.0%; Pred. No. 1.2; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Misnmatches 0; Indels 0; Gaps 0;

Qy 1 NLFBTPVEA 9 ; QY 1 NLFBTPVEA 9
Db 279 NLFBTPVEA 287 ; DB 279 NLFBTPVEA 287

RESULT 14 ; LENGTH: 480
US-10-485-360-27 ; SEQ ID NO: 27
; Sequence 27, Application US/10485360
; Publication No. US2004019731A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Peccq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 27
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
; NAME/KEY: MISC_FEATURE
; US-10-485-360-27

Query Match Similarity 100.0%; Score 46; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 1.2; 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Misnmatches 0; Indels 0; Gaps 0;

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Qy 1 NLFBTPVEA 9
||| |||
Db 297 NLFBTPVEA 305

RESULT 15

US-10-485-360-30

; Sequence 30, Application US/10485360

; Publication No. US20040197314A1

; GENERAL INFORMATION:

; APPLICANT: Delcayre, Alain

; APPLICANT: Le Pecq, Jean-Bernard

; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes

; FILE REFERENCE: B0094WO

; CURRENT APPLICATION NUMBER: US/10/485,360

; CURRENT FILING DATE: 2004-01-30

; NUMBER OF SEQ ID NOS: 30

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 30

; LENGTH: 612

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: MISC_FEATURE

; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein

US-10-485-360-30

Query Match 100.0%; Score 46; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 1.5; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLFBTPVEA 9
||| |||
Db 194 NLFBTPVEA 202

Search completed: November 17, 2005, 21:24:19
Job time : 73.8571 secs

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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds
 (without alignments)
 33.354 Million cell updates/sec

Title: US-09-744-804A-39

Perfect score: 54

Sequence: 1 GLOHWPEEL 9

Scoring table: BLOSUM62

Gapext 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued Patents AA:*

1: /cgn2_6/pctoata/1/ia/5A-COMB.pep: *
 2: /cgn2_6/pctoata/1/ia/5B-COMB.pep: *
 3: /cgn2_6/pctoata/1/ia/6A-COMB.pep: *
 4: /cgn2_6/pctoata/1/ia/6B-COMB.pep: *
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 6: /cgn2_6/pctoata/1/ia/backfile1.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	54	100.0	160	2	US-08-162-402B-10
2	54	100.0	387	2	US-08-162-402B-10
3	54	100.0	465	2	US-08-162-402B-8
4	41	75.9	408	4	US-08-328-352-5768
5	39	72.2	160	2	US-08-162-402B-11
6	39	72.2	320	2	US-08-480-29C-20
7	39	72.2	320	2	US-08-650-235C-20
8	39	72.2	463	2	US-08-162-402B-9
9	39	72.2	481	4	US-08-543-681A-8321
10	39	72.2	482	4	US-08-252-991A-17621
11	39	72.2	4	US-09-252-991A-30713	
12	38	70.4	4019	4	US-09-554-133-425
13	37	68.5	264	2	US-08-718-697-8
14	37	68.5	264	3	US-08-277-616A-8
15	37	68.5	264	4	US-09-481-756-8
16	37	68.5	265	2	US-08-718-697-6
17	37	68.5	265	3	US-08-277-616A-6
18	37	68.5	265	4	US-09-481-756-6
19	37	68.5	290	4	US-08-480-039A-111407
20	37	68.5	886	4	US-09-902-540-11981
21	37	68.5	3079	5	PCT-US94-00198-4
22	36	66.7	231	4	US-08-333-809-218
23	36	66.7	231	4	US-09-333-809-219
24	36	66.7	231	4	US-09-333-809-220
25	36	66.7	231	4	US-09-746-311B-367
26	36	66.7	231	4	US-09-746-311B-368
27	36.7		231	4	US-09-746-311B-369

ALIGNMENTS

RESULT 1

```

; Sequence 10, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KRALTON HUMAN MILK FAT
; TITLE: GLOBULE (IMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-2210
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SBQUENCE CHARACTERISTICS:
; LENGTH: 160 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
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Query Match Score 100.0%; Score 54; DB 2; Length 160;
 Best Local Similarity 100.0%; Pred. No. 0.038; 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
Db 29 GLOHWPEL 37

RESULT 2
US-08-162-402B-6 Application US/08162402B
; Sequence 6, Application US/08162402B
; Patent No. 597337

GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDAKTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:
; ADDRESSEE: Petty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071

COMPUTER READABLE FORM:
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; COMPUTER: IBM Compatible
; SOFTWARE: FASTSEQ for Windows Version 2.0
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzal, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 465 amino acids
; REFERENCE DOCKET NUMBER: P66 38215
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:

INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 387 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-8

Query Match Score 54; DB 2; Length 465;
Best Local Similarity 100.0%; Pred. No. 0.098; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

MOLECULE TYPE: Peptide

INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 387 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide

RESULT 4
US-09-328-352-5768
; Sequence 5768 Application US/09328352
; Patent No. 6562958

GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: CTGC9-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 5768
; LENGTH: 408
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii
; US-09-328-352-5768

Query Match Score 41; DB 4; Length 408;
Best Local Similarity 75.9%; Pred. No. 21; Mismatches 0; Indels 0; Gaps 0;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWPEL 7
Db 9 GLOHWPEL 15

RESULT 5

US-08-162-402B-8
Sequence 8, Application US/08162402B
; Patent No. 597337

GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDAKTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29

US-08-162-402B-11

Sequence 11, Application US/08162402B

Patent No. 5,972,337

GENERAL INFORMATION:

APPLICANT: CERIANI, ROBERTO L.

APPLICANT: PETERSON, JERRY A.

APPLICANT: LAROCCA, DAVID J.

TITLE OF INVENTION: 46 KDA/LN HUMAN MILK FAT

TITLE OF INVENTION: GLOBULE (HMG) ANTIGEN, FRAGMENTS & FUSION PROTEIN

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:

ADDRESSEE: PRETY, Schroeder & Poplawski

STREET: 444 South Flower St., 19th Floor

CITY: Los Angeles

STATE: CA

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/480,229C

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.

REGISTRATION NUMBER: 28,462

REFERENCE/DOCKET NUMBER: 8907-0026-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 869-9090

TELEFAX: (212) 869-8864/9741

TELEX: 66141 Pennie

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 320 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: peptide

TELEPHONE: 213-622-7700

TELEX: 213-489-4210

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 160 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: peptide

TELEPHONE: US-08-162-402B-11

Query Match 72.2%; Score 39; DB 2; Length 160;

Best Local Similarity 77.8%; Pred. No. 17; Mismatches 0;

Matches 7; Conservative 0; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9

||| |

Db 28 GLQRWGPTEL 36

RESULT 7

US-08-659-235C-20

Sequence 20, Application US/08659235C

Patent No. 5,872,81

GENERAL INFORMATION:

APPLICANT: Quertermous, Thomas

APPLICANT: Hogan, Brigid

APPLICANT: Snodgrass, H. Ralph

APPLICANT: Zupancic, Thomas J.

TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL

TITLE OF INVENTION: CELL LOCUS-1

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: United States

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/659,235C

FILING DATE: 05-JUN-1996

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.

REGISTRATION NUMBER: 28,462

REFERENCE/DOCKET NUMBER: 8907-0034-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-8864/9741

TELEX: 66141 Pennie

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:
 LENGTH: 320 amino acids
 TYPE: amino acid
 STRANDBNESS:
 ; TOPOLogy: unknown
 ; MOLECULE TYPE: protein
 US-08-659-235C-20

Query Match Score 39; DB 2; Length 320;
 Best Local Similarity 77.8%; Pred. No. 36; Mismatches 0;
 Matches 7; Conservative 0; Indels 0; Gaps 0;

Qy 1 GLOHWPEL 9
 Db 28 GLQRWGPEL 36

RESULT 8
 US-08-162-402B-9
 Sequence 9, Application US/08162402B
 Patent No. 592337
 GENERAL INFORMATION:
 APPLICANT: CERTANI, ROBERTO L.
 APPLICANT: PETERSON, JERRY A.
 APPLICANT: LAROCCA, DAVID J.
 TITLE OF INVENTION: 46 KDAKTON HUMAN MILK FAT
 TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
 NUMBER OF SEQUENCES: 29
 CORRESPONDENCE ADDRESS:
 STREET: 444 South Flower St., 19th Floor
 CITY: Los Angeles
 STATE: CA
 COUNTRY: USA
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/162,402B
 FILING DATE: 03-DEC-1993
 CLASSIFICATION: 435
 PRIORITY APPLICATION NUMBER:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Amiel, Viviana
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: P66 38215
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 213-622-9700
 TELEX: 213-489-4210
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 463 amino acids
 TYPE: amino acid
 STRANDBNESS: unknown
 ; MOLECULE TYPE: peptide
 US-08-162-402B-9

Query Match Score 39; DB 2; Length 463;
 Best Local Similarity 77.8%; Pred. No. 53; Mismatches 2;
 Matches 7; Conservative 0; Indels 0; Gaps 0;

Qy 1 GLOHWPEL 9
 Db 175 GLQRWGPEL 183

RESULT 9
 US-09-543-681A-8321
 Sequence 8321, Application US/09543681A
 Patent No. 6605709
 GENERAL INFORMATION:
 APPLICANT: GARY BERTON
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 FILE REFERENCE: 2109_10020011
 CURRENT APPLICATION NUMBER: US/09/543,681A
 CURRENT FILING DATE: 2000-04-05
 PRIOR APPLICATION NUMBER: US 60/128,706
 PRIOR FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 8344
 SEQ ID NO: 8321
 LENGTH: 481
 TYPE: PRT
 ORGANISM: Proteus mirabilis
 US-09-543-681A-8321

Query Match Score 39; DB 4; Length 481;
 Best Local Similarity 62.5%; Pred. No. 56; Mismatches 3; Conservative 5; Indels 0; Gaps 0;

Qy 2 LOHWPEL 9
 Db 426 IRHWLPEL 433

RESULT 10
 US-09-152-991A-17621
 Sequence 17621, Application US/09252991A
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Mac J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 FILE REFERENCE: 107196_136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO: 17621
 LENGTH: 482
 TYPE: PRT
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-17621

Query Match Score 39; DB 4; Length 482;
 Best Local Similarity 62.5%; Pred. No. 56; Mismatches 1; Conservative 5; Indels 0; Gaps 0;

Qy 2 LOHWPEL 9
 Db 285 VQHWIPSL 292

RESULT 11
 US-09-252-991A-30713
 Sequence 30713, Application US/09252991A
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 FILE REFERENCE: 107196_136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190
 PRIORITY FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO: 30713
 LENGTH: 837
 TYPE: PRT
 ; ORGANISM: *Pseudomonas aeruginosa*
 US-09-252-901A-30713

Query Match 72.2%; Score 39; DB 4; Length 837;
 Best Local Similarity 62.5%; Pred. No. 1e+02; 0; Indels 0; Gaps 0;
 Matches 5; Conservative 3; Mismatches 0;

QY 2 LOHWPEL 9 ::|||||
 Db 780 IRHWLPEL 787

RESULT 12
 US-09-854-133-425
 Sequence 425, Application US/09854133
 ; Patent No. 6759508
 ; GENERAL INFORMATION:
 ; APPLICANT: Lodes, Michael J.
 ; APPLICANT: Mohamath, Radoh
 ; APPLICANT: Henderson, Robert A.
 ; APPLICANT: Scrist, Heather
 ; APPLICANT: Benson, Darin R.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
 FILE REFERENCE: 21012.1.475C10
 ; CURRENT APPLICATION NUMBER: US/09/854,133
 CURRENT FILING DATE: 2001-05-11
 NUMBER OF SEQ ID NOS: 735
 SOFTWARE: FASTSEQ for Windows Version 3.0
 SEQ ID NO: 425
 LENGTH: 4019
 TYPE: PRT
 ; ORGANISM: *Homo sapiens*
 US-09-854-133-425

Query Match 70.4%; Score 38; DB 4; Length 4019;
 Best Local Similarity 85.7%; Pred. No. 8.4e+02; 0; Indels 1; Gaps 0;
 Matches 6; Conservative 0; Mismatches 1;

QY 2 LOHWPE 8 |||||
 Db 1475 LOHWPE 1481

RESULT 13
 US-08-719-697-8 Application US/08719697
 ; Sequence 8, Application US/08719697
 ; Patent No. 5928888
 ; GENERAL INFORMATION:
 ; APPLICANT: Whitney, Michael A.
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR SENSITIVE GENOMIC
 ; TITLE OF INVENTION: AND RAPID, FUNCTIONAL IDENTIFICATION OF GENOMIC
 ; TITLE OF INVENTION: POLYNUCLEOTIDES AND SECONDARY SCREENING CAPABILITIES
 ; NUMBER OF SEQIDNOS: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson P.C.
 STREET: 4225 Executive Square, Suite 1400
 CITY: La Jolla
 STATE: CA
 COUNTRY: USA
 ZIP: 92037
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FASTSEQ for Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/727,616A
 FILING DATE: 15-OCT-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/407,544
 FILING DATE: 20-MAR-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Haile, Lisa A.
 TELEPHONE: 619/678-5070
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 264 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-727-616A-8

Query Match 68.5%; Score 37; DB 3; Length 264;
 Best Local Similarity 75.0%; Pred. No. 65; 0; Indels 0; Gaps 0;
 Matches 6; Conservative 0; Mismatches 2;

QY 2 LOHWPEL 9
Db 138 LDHWEPEL 145

RESULT 15
US-09-481-756-8 Application US/09481756
Sequence 8, Application US/09481756
; Patent No. 6472205

GENERAL INFORMATION:

APPLICANT: Tsien, Roger Y.
Zlokarnik, Gregor

TITLE OF INVENTION: SUBSTRATES FOR BETA-LACTAMASE

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADRESSEEE: FISH & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

STATE: CA

ZIP: 92037

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FASTSEQ for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/481,756

FILING DATE: 11-JAN-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/727,616

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Haile, Lisa A.

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07257/034001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/670-5070

TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 26 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-09-481-756-8

Query Match 68.5%; Score 37; DB 4; Length 264;
Best Local Similarity 75.0%; Pred. No. 65; Mismatches 2; Indels 0; Gaps 0;
Matchers 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 LOHWPEL 9
Db 138 LDHWEPEL 145

Search completed: November 17, 2005, 20:42:18
Job time : 20.1429 secs

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OM protein - Protein search, using SW model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds

(without alignments)
51.686 Million cell updates/sec

Title: US-09-744-804a-39
Perfect score: 54
Sequence: 1 GLOHWWPEL 9

Scoring table: BLOSUM62

Gapext 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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20: /cggn2_6/ptodata/1/pubpaal/US60_NNEW_PUBCOMB.pep: *
21: /cggn2_6/ptodata/1/pubpaal/US60_PUBCOMB.pep: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

* Query Score Match Length DB ID Description

1 54 100.0 318 16 US-10-485-360-22 Sequence 22, Appl

2 54 100.0 335 16 US-10-485-765A-1474 Sequence 1474, Appl

3 54 100.0 316 15 US-10-485-360-23 Sequence 23, Appl

4 54 100.0 343 14 US-10-190-593-2 Sequence 2, Appl

5 54 100.0 343 16 US-10-485-360-8 Sequence 8, Appl

6 54 100.0 379 15 US-10-260A-3405 Sequence 3405, Appl

7 54 100.0 387 14 US-10-190-593-4 Sequence 4, Appl

8 54 100.0 387 16 US-10-873-900-2 Sequence 2, Appl

9 54 100.0 395 15 US-10-485-360-7 Sequence 7, Appl

10 54 100.0 480 16 US-10-485-360-26 Sequence 26, Appl

11 54 100.0 498 16 US-10-485-360-27 Sequence 27, Appl

POST-PROCESSING: ALIGMENTS

12 54 100.0 612 16 US-10-485-360-30 Sequence 30, Appl
13 42 77.8 223 15 US-10-093-663-132 Sequence 132, App
14 42 77.8 307 15 US-10-093-663-130 Sequence 130, App
15 42 77.8 307 15 US-10-093-663-134 Sequence 134, App
16 41 75.9 824 15 US-10-369-493-9226 Sequence 9226, App
17 41 75.9 824 15 US-10-369-493-9444 Sequence 9444, App
18 41 75.9 833 15 US-10-369-493-17575 Sequence 17575, A
19 40 74.1 217 14 US-10-106-698-5795 Sequence 5795, AP
20 40 74.1 512 14 US-10-080-170-9 Sequence 9, Appl
21 40 74.1 512 16 US-10-080-170-9 Sequence 9, Appl
22 40 74.1 512 16 US-10-468-356-9 Sequence 9, Appl
23 39 72.2 337 14 US-10-156-761-13819 Sequence 13819, A
24 39 72.2 434 16 US-10-485-360-10 Sequence 10, Appl
25 39 72.2 463 16 US-10-873-900-4 Sequence 4, Appl
26 39 72.2 1040 15 US-10-282-122A-76235 Sequence 75315, A
27 39 72.2 1040 15 US-10-282-122A-76235 Sequence 76235, A
28 38 70.4 29 9 US-09-844-761-39498 Sequence 39498, A
29 38 70.4 150 9 US-09-867-518 Sequence 1518, AP
30 38 70.4 288 15 US-10-282-122A-66912 Sequence 66912, A
31 38 70.4 331 15 US-10-369-493-7760 Sequence 7760, AP
32 38 70.4 331 15 US-10-369-493-7760 Sequence 7760, AP
33 38 70.4 331 17 US-10-732-923-17869 Sequence 17869, A
34 38 70.4 458 16 US-10-767-701-45959 Sequence 45959, A
35 38 70.4 498 15 US-10-369-493-6118 Sequence 6118, AP
36 38 70.4 566 16 US-10-425-115-25256 Sequence 285256, AP
37 38 70.4 602 15 US-10-425-114-50273 Sequence 50273, A
38 38 70.4 665 15 US-11-097-443-31524 Sequence 31524, A
39 38 70.4 939 15 US-10-369-493-3116 Sequence 3816, AP
40 38 70.4 4019 9 US-09-738-973-425 Sequence 4225, APP
41 38 70.4 4019 9 US-10-144-649A-425 Sequence 4225, APP
42 38 70.4 4019 14 US-10-144-649A-425 Sequence 4225, APP
43 37 68.5 37 36 15 US-10-424-599-19679 Sequence 199679, AP
44 37 68.5 74 16 US-10-424-599-19679 Sequence 199679, AP
45 37 68.5 92 14 US-10-317-832-129 Sequence 129, APP

RESULT 1
Publication No: US2004019731A1
; GENERAL INFORMATION:
; APPLICANT: Delcavre, Alain
; APPLICANT: Le Decq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1 domain chimeric protein

Query Match 100.0%; Score 54; DB 16; Length 318;
Best Local Similarity 100.0%; Pred. No. 1.3; Mismatches 0;
Matches 9; Conservative 0; Indels 0; Gaps 0;

OY 1 GLOHWWPEL 9
Db 182 GLOHWWPEL 190

GENERAL INFORMATION: US20040101874A1

APPLICANT: Ghosh, Sounmitra S.

APPLICANT: Fathy, Edin D.

APPLICANT: Zhang, Bing

APPLICANT: Gibson, Bradford W.

APPLICANT: Taylor, Steven W.

APPLICANT: Glenn, Gary M.

APPLICANT: Warnock, Dale E.

TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION

TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME

FILE REFERENCE: 6160088-465

CURRENT APPLICATION NUMBER: US10/408,765A

CURRENT FILING DATE: 2003-04-04

NUMBER OF SEQ ID NOS: 3077

SOFTWARE: FastSBQ for Windows Version 4.0

SEQ ID NO 1474

LENGTH: 335

TYPE: PRT

ORGANISM: Homo sapiens

US-10-408-765A-1474

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 335; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 3

US-10-485-360-23

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 335; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 4

US-10-485-360-23

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 335; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 5

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 14; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 53 GLQHWWPEL 61

RESULT 6

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 7

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 8

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 9

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 10

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 11

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 12

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 13

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 14

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 15

US-10-485-360-8

Query Match Best Local Similarity 100.0%; Score 54; DB 16; Length 343; Matches 9; Conservative 0; Pred. No. 1.4; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 97 GLQHWWPEL 105

RESULT 16

US-10-108-260A-3405

Query Match Best Local Similarity 100.0%; Score 54; DB 15; Length 379; Matches 9; Conservative 0; Pred. No. 1.6; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GLQHWWPEL 9

Db 89 GLQHWWPEL 97

RESULT 7 ; SOFTWARE: PatentIn version 3.1
US-10-190-593-4 ; SEQ ID NO 7
; Sequence 4, Application US/10190593
; Publication No. US2003002221A1 ; LENGTH: 395
; GENERAL INFORMATION: ; TYPE: PRT
; APPLICANT: LANGIT, Emmanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CLO01246 ; ORGANISM: Homo sapiens
; CURRENT APPLICATION NUMBER: US/10/190,593 ; SEQ ID NO 4
; CURRENT FILING DATE: 2002-07-09 ; LENGTH: 387
; SEQ ID NO 4 ; SOFTWARE: FastSEQ for Windows Version 4.0
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
; US-10-190-593-4 ;
Query Match 100.0%; Score 54; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GLOHWVPEL 9
Db 97 GLOHWVPEL 105
; RESULT 8 ;
US-10-873-900-2 ;
; Sequence 2, Application US/10873900
; Publication No. US20040241179A1 ;
; GENERAL INFORMATION: ;
; APPLICANT: Institute National De La Sante Et De La Recherche Medicale ;
; APPLICANT: Reposo, Graca ;
; APPLICANT: Anigorena, Sebastian ;
; APPLICANT: Thery, Clotilde ;
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof ;
; FILE REFERENCE: 70215-403 KTM ;
; CURRENT APPLICATION NUMBER: US/10/873,900 ;
; CURRENT FILING DATE: 2004-06-21 ;
; PRIOR APPLICATION NUMBER: US 09/582,340 ;
; PRIORITY DATE: 1999-11-23 ;
; NUMBER OF SEQ ID NOS: 6 ;
; SOFTWARE: PatentIn version 3.2 ;
; SEQ ID NO 2 ;
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-873-900-2 ;
Query Match 100.0%; Score 54; DB 16; Length 387;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GLOHWVPEL 9
Db 97 GLOHWVPEL 105
; RESULT 9 ;
US-10-485-360-7 ;
; Sequence 7, Application US/10485360
; Publication No. US20040197314A1 ;
; GENERAL INFORMATION: ;
; APPLICANT: Delcayre, Alain ;
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes ;
; FILE REFERENCE: B0094WO ;
; CURRENT APPLICATION NUMBER: US/10/485,360 ;
; CURRENT FILING DATE: 2004-01-30 ;
; NUMBER OF SEQ ID NOS: 30 ;
; SOFTWARE: PatentIn version 3.1 ;
; SEQ ID NO 27 ;
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence ;
; FEATURE: ;
; NAME/KEY: MISC FEATURE ;
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
; US-10-485-360-27 ;
Query Match 100.0%; Score 54; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GLOHWPBL 9 ; FILE REFERENCE: 21402-290A (Cura 590AT)
Db 200 GLOHWPBL 208 ; CURRENT APPLICATION NUMBER: US/10/093,463
; Sequence 30, Application US/10485360 ; CURRENT FILING DATE: 2002-06-24
; Publication No. US2004017314A1 ; PRIOR APPLICATION NUMBER: 60/283,675
; GENERAL INFORMATION: ; PRIOR FILING DATE: 2001-04-14
; APPLICANT: Le Peccq, Alain ; PRIOR APPLICATION NUMBER: 60/338,092
; APPLICANT: Delcavre, Jean-Bernard ; PRIOR FILING DATE: 2001-12-03
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes ; PRIOR APPLICATION NUMBER: 60/274,281
; FILE REFERENCE: B0094WO ; PRIOR FILING DATE: 2001-03-08
; CURRENT APPLICATION NUMBER: US/10/485,360 ; PRIOR APPLICATION NUMBER: 60/274,101
; CURRENT FILING DATE: 2001-01-30 ; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 30 ; PRIOR APPLICATION NUMBER: 60/274,995
; SOFTWARE: Patentin version 3.1 ; PRIOR FILING DATE: 2001-03-30
; SEQ ID NO: 30 ; PRIOR APPLICATION NUMBER: 60/294,899
; LENGTH: 612 ; PRIOR FILING DATE: 2001-05-31
; TYPE: PRT ; PRIOR APPLICATION NUMBER: 60/287,424
; ORGANISM: Artificial Sequence ; PRIOR FILING DATE: 2001-09-27
; FEATURE: ; PRIOR APPLICATION NUMBER: 60/304,354
; NAME/KEY: MISC FEATURE ; PRIOR FILING DATE: 2001-07-10
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein ; PRIOR APPLICATION NUMBER: 60/279,995
; US-10-093-463-132 ; PRIOR FILING DATE: 2001-03-30
; Sequence 132, Application US/10093463 ; PRIOR APPLICATION NUMBER: 60/330,198
; Publication No. US20030208039A1 ; PRIOR FILING DATE: 2001-10-18
; GENERAL INFORMATION: ; PRIOR APPLICATION NUMBER: 60/274,194
; APPLICANT: Padigaru, Muralidhara ; PRIOR FILING DATE: 2001-04-30
; APPLICANT: Shenvi, Suresh ; PRIOR APPLICATION NUMBER: 60/299,027
; APPLICANT: Kokuda, Ramesh ; PRIOR FILING DATE: 2001-06-18
; APPLICANT: Guski, Vladimir ; PRIOR APPLICATION NUMBER: 60/309,198
; APPLICANT: Pochart, Pascal ; PRIOR FILING DATE: 2001-07-31
; APPLICANT: Zhong, Mei ; PRIOR APPLICATION NUMBER: 60/281,194
; APPLICANT: Rastelli, Luca ; PRIOR FILING DATE: 2001-04-04
; APPLICANT: Mezes, Peter ; PRIOR APPLICATION NUMBER: 60/274,194
; APPLICANT: Smithson, Glenna ; PRIOR FILING DATE: 2001-03-08
; APPLICANT: Guo, Xiaojia ; PRIOR APPLICATION NUMBER: 60/299,849
; APPLICANT: Gerlach, Valerie ; PRIOR FILING DATE: 2001-03-12
; APPLICANT: Casman, Stacie ; PRIOR APPLICATION NUMBER: 60/288,342
; APPLICANT: Boldog, Ferenc ; PRIOR FILING DATE: 2001-05-03
; APPLICANT: Li, Li ; PRIOR APPLICATION NUMBER: 60/275,235
; APPLICANT: Zerhusen, Bryan ; PRIOR FILING DATE: 2001-03-12
; APPLICANT: Tchernay, Vilizar ; PRIOR FILING DATE: 2001-03-13
; APPLICANT: Ganglili, Esha ; NUMBER OF SEQ ID NOS: 370
; APPLICANT: Vernet, Corine ; SOFTWARE: Patentin Ver. 2.1
; APPLICANT: Burgess, Catherine ; SEQ ID NO: 132
; APPLICANT: Liu, Xiaohong ; LENGTH: 223
; APPLICANT: Sotek, Kimberly ; TYPE: PRT
; APPLICANT: Gorman, Linda ; ORGANISM: Homo sapiens
; APPLICANT: Spaderna, Steven ; US-10-093-463-132
; APPLICANT: Voss, Edward ; Sequence 130, Application US/10093463
; APPLICANT: Malvankar, Uriel ; Publication No. US20030208039A1
; APPLICANT: Anderson, David ; GENERAL INFORMATION:
; APPLICANT: Patterson, Meera ; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Miller, Charles ; APPLICANT: Shenvi, Suresh
; APPLICANT: Taupier, Raymond J. Jr. ; APPLICANT: Kokuda, Ramesh
; TITLE OF INVENTION: No. US20030208039A1 ; APPLICANT: Guski, Vladimir
; TITLE OF INVENTION: Encoding the Antigens, and Methods of Use. ; APPLICANT: Pochart, Pascal
; APPLICANT: Zhong, Mei ; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter ; APPLICANT: Smithson, Glenna
; APPLICANT: Guo, Xiaojia ; APPLICANT: Gerlach, Valerie
; APPLICANT: Casman, Stacie

Db 207 GLPHWVPAI 215

APPLICANT: Boldog, Ferenc
APPLICANT: Li, Li
APPLICANT: Zerhusen, Bryan
APPLICANT: Tchernev, Velizar
APPLICANT: Gangolli, Esha
APPLICANT: Vernet, Corinne
APPLICANT: Pena, Carol
APPLICANT: Burgess, Catherine
APPLICANT: Liu, Xiaohong
APPLICANT: Spytek, Kimberly
APPLICANT: German, Linda
APPLICANT: Spaderna, Steven
APPLICANT: Voss, Edward
APPLICANT: Malyankar, Uriel
APPLICANT: Anderson, David
APPLICANT: Patturajan, Meera
APPLICANT: Miller, Charles
APPLICANT: Taupier, Raymond J. Jr.
TITLE OF INVENTION: No. US20030208039A1 Antibodies that Bind to Antigenic Polypeptid
TITLE OF INVENTION: Encoding The Antigens, and Methods of Use.
FILE REFERENCE: 21402-290A (Curia 590AT)
CURRENT APPLICATION NUMBER: US/10/093,463
CURRENT FILING DATE: 2002-06-24
PRIOR APPLICATION NUMBER: 60/283,675
PRIOR FILING DATE: 2001-04-14
PRIOR APPLICATION NUMBER: 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/274,281
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/274,101
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/325,681
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/279,995
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: 60/287,424
PRIOR FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/299,027
PRIOR FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: 60/309,198
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/281,194
PRIOR FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 60/279,194
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/274,849
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/330,380
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 60/275,235
PRIOR FILING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: 60/288,342
PRIOR FILING DATE: 2001-05-03
PRIOR APPLICATION NUMBER: 60/275,578
PRIOR FILING DATE: 2001-03-13
NUMBER OF SEQ ID NOS: 370
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 130
LENGTH: 307
TYPE: PRT
ORGANISM: Homo sapiens
US-10-093-463-130

Query Match 77.8%; Score 42; DB 15; Length 307;
Best Local Similarity 77.8%; Pred. No. 1.1e+02;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9

Fri Nov 18 11:58:49 2005

us-09-744-804a-39.rapb

Page 6

; PRIOR APPLICATION NUMBER: 60/275,235
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/288,342
; PRIOR FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 60/275,578
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 370
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 307
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-093-463-134

Query Match Similarity 77.8%; Score 42; DB 15; Length 307;
Best Local Similarity 77.8%; Pred. No. 1.1e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 GLOHWWPEL 9
Db 207 GLPHWWPAL 215

Search completed: November 17, 2005, 21:24:20
Job time : 73.8571 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds

Scoring table: BLASTm62 Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgnd_6/prodata1/iaa/5A_COMB_pep:*
- 2: /cgnd_6/prodata1/iaa/5B_COMB_pep:*
- 3: /cgnd_6/prodata1/iaa/6A_COMB_pep:*
- 4: /cgnd_6/prodata1/iaa/6B_COMB_pep:*
- 5: /cgnd_6/prodata1/iaa/PCITS_COMB_pep:*
- 6: /cgnd_6/prodata1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

RESULT 1
US-09-480-229C-2
; Sequence 2, Application US/08480229C
; Patent No. 5074562

GENERAL INFORMATION:

APPLICANT: Quertermous, Thomas

APPLICANT: Hogan, Brigid

APPLICANT: Snodgrass, H. Ralph

APPLICANT: Zupancic, Thomas J.

TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL CELL LOCUS-1

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:

ADDRESSE: Pennie & Edmonds LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: United States

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/480,229C

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.

REGISTRATION NUMBER: 28-462

REFERENCE/DOCKET NUMBER: 8907-0026-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-8864/9741

TELEX: 66141 Pennie

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 85 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: unknown

MOLCULE TYPE: peptide

US-08-480-229C-2

Sequence 32483, A
Sequence 47700, A
Sequence 6095, AP
Sequence 7666, AP
Sequence 6515, AP
Sequence 5034, AP
Sequence 3132, AP
Sequence 1, Appli
Sequence 5, Appli
Sequence 7, Appli
Sequence 8, Appli
Sequence 1, Appli
Sequence 5, Appli
Sequence 7, Appli
Sequence 8, Appli
Sequence 5, Appli
Sequence 7, Appli
Sequence 8, Appli
Sequence 26, Appli
Sequence 27, Appli
Sequence 18, Appli

ALIGNMENTS

Result No.	Score	Query Match	Length	DB ID	Description
1	43	100.0	85	2	US-08-480-229C-2
2	43	100.0	85	2	US-08-659-235C-2
3	43	100.0	159	2	US-08-162-402B-12
4	43	100.0	217	1	US-08-162-402B-3
5	43	100.0	217	1	US-08-162-402B-3
6	43	100.0	217	4	US-08-364-185-3
7	43	100.0	218	1	US-08-607-538C-2
8	43	100.0	218	2	US-08-162-402B-2
9	43	100.0	218	4	US-09-364-185-2
10	43	100.0	387	2	US-08-162-402B-6
11	43	100.0	465	2	US-08-162-402B-8
12	36	83.7	321	2	US-08-480-229C-21
13	36	83.7	321	2	US-08-659-235C-21
14	36	83.7	321	4	US-09-949-016-10130
15	36	83.7	480	2	US-08-480-229C-10
16	36	83.7	480	2	US-08-659-235C-10
17	36	83.7	513	2	US-08-480-229C-14
18	36	83.7	513	2	US-08-659-235C-14
19	34	79.1	109	1	US-08-111-939-25
20	34	79.1	157	2	US-08-162-402B-13
21	34	79.1	320	2	US-08-480-229C-20
22	34	79.1	320	2	US-08-659-235C-20
23	34	79.1	463	2	US-08-162-402B-9
24	33	76.7	533	4	US-09-508-370A-6
25	32	74.4	131	4	US-09-270-777-5826
26	32	74.4	227	4	US-09-270-777-42285
27	32	74.4	227	4	US-09-543-681A-5794
31	72.1	72.1	43285	A	Sequence 5794, Ap

Query Match 100.0%; Score 43; DB 2; Length 85;
Best Local Similarity 100.0%; Pred. No. 0.072; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9

Db 24 ||||||| VQFVASYKV 32

RESULT 2
US-08-659-235C-2
Sequence 2, Application US/08659235C

GENERAL INFORMATION:
APPLICANT: Quartermanos, Thomas
APPLICANT: Hogan, Brigid
APPLICANT: Snodgrass, H. Ralph
APPLICANT: Zupancic, Thomas J.

TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
TITLE OF INVENTION: CELL LOCUS-1

NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas

CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10035-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B

FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:

FILING DATE:
ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215

TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-469-4210
TELEX:

TELEFAX: (212) 849-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 85 amino acids

TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide

FILING DATE: 05-JUN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0034-999

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX:

TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 85 amino acids

TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide

US-08-659-235C-2

Query Match 100.0%; Score 43; DB 2; Length 85;
Best Local Similarity 100.0%; Pred. No. 0.072; O.; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
Db 85 VQFVASYKV 93

RESULT 3
US-08-162-402B-12
Sequence 12, Application US/08162402B

GENERAL INFORMATION:
APPLICANT: Ceriani, Dr., Roberto L.
APPLICANT: Peterson, Dr., Jerry A.

APPLICANT: Larocca, David J.
APPLICANT: Peterson, Dr., Jerry A.

TITLE OF INVENTION: POLYPEPTIDE WITH 46
TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
TITLE OF INVENTION: FACTORS V AND VII LIGHT-CHAIN HOMOLOGIES,
TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBO-
TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
TITLE OF INVENTION: USE THEREOF
NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:
ADDRESSEE: V. Amzel & Assoc.

STREET: 2055 No. 5455031th Broadway
CITY: Walnut Creek
STATE: California
COUNTRY: USA
ZIP: 94596

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patient In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/607,538C
FILING DATE: 01-NOV-1990
CLASSIFICATION: 435

RESULT 4
US-07-607-538C-3
Sequence 3, Application US/07607538C
Patent No. 5455031

GENERAL INFORMATION:
APPLICANT: Ceriani, Dr., Roberto L.
APPLICANT: Peterson, Dr., Jerry A.

APPLICANT: Larocca, David J.
APPLICANT: Peterson, Dr., Jerry A.

TITLE OF INVENTION: POLYPEPTIDE WITH 46
TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
TITLE OF INVENTION: FACTORS V AND VII LIGHT-CHAIN HOMOLOGIES,
TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBO-
TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
TITLE OF INVENTION: USE THEREOF
NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:
ADDRESSEE: V. Amzel & Assoc.

STREET: 2055 No. 5455031th Broadway
CITY: Walnut Creek
STATE: California
COUNTRY: USA
ZIP: 94596

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patient In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/607,538C
FILING DATE: 01-NOV-1990
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Viviana Amzel

REGISTRATION NUMBER: 30, 930

REFERENCE/DOCKET NUMBER: CRFCC-004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 943-1931

TELEX: N.A.

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 217 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE:

US-07-607-538C-3

Query Match

Best Local Similarity

Score 43; DB 2;

Length 217;

Pred. No. 0.19;

Matches 9; Conservative

0; Mismatches

0; Indels

0; Gaps

0;

Qy 1 VQFVASYKV 9

Db 143 VQFVASYKV 151

RESULT 5

US-08-162-402B-3

Sequence 3, Application US/08162402B

Patent No. 55972337

GENERAL INFORMATION:

APPLICANT: CERIANI, ROBERTO L.

APPLICANT: PETERSON, JERRY A.

APPLICANT: LAROCCA, DAVID J.

TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT

TITLE OF INVENTION: GLOBULE (HMG) ANTIGEN, FRAGMENTS & FUSION PROTEIN

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pretty, Schroeder & Poplawski

STREET: 444 South Flower St., 19th Floor

CITY: Los Angeles

STATE: CA

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS 5.0

SOFTWARE: PatentIn #1.0,

SOFTWARE: Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/364,185

FILING DATE: June 7, 1995

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30, 930

REFERENCE/DOCKET NUMBER: CRFC-046

TELECOMMUNICATION INFORMATION:

TELEPHONE: (610) 407-0700

TELEFAX: (610) 407-0701

TELEX: N.A.

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 217 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: peptide

TELEX:

US-08-162-402B-3

RESULT 6

US-09-364-185-3

Sequence 3, Application US/09364185

Patent No. 6596928

GENERAL INFORMATION:

APPLICANT: Ceriani, Roberto L.

APPLICANT: Peterson, Jerry A.

APPLICANT: Larocca, David J.

TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON

TITLE OF INVENTION: KIT & METHODS

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Ratner & Prestia

STREET: Suite 301

CITY: One Westlakes, Berwyn

STATE: Pennsylvania

COUNTRY: USA

ZIP: 19482

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk 3.5"

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS 5.0

SOFTWARE: PatentIn #1.0,

SOFTWARE: Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/364,185

FILING DATE: June 7, 1995

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30, 930

REFERENCE/DOCKET NUMBER: CRFC-046

TELECOMMUNICATION INFORMATION:

TELEPHONE: (610) 407-0700

TELEFAX: (610) 407-0701

TELEX: N.A.

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 217 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE:

US-09-364-185-3

Query Match

Best Local Similarity

Score 43; DB 4;

Length 217;

Pred. No. 0.19;

Matches 9; Conservative

0; Mismatches

0; Indels

0; Gaps

0;

Qy 1 VQFVASYKV 9

Db 143 VQFVASYKV 151

RESULT 7

US-07-607-538C-2

Sequence 2, Application US/07607538C

Patent No. 5455031

GENERAL INFORMATION:

APPLICANT: Ceriani Dr., Roberto L.

APPLICANT: Peterson Dr., Jerry A.

APPLICANT: Larocca, David J. POLYPEPTIDE WITH 46 DIFFERENTIATION ANTIGEN BINDING SPECIITY AND CLOTTING FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF

TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

NAME: Amzel, Viviana

ADDRESS: 2055 No. 5455031th Broadway

CITY: Walnut Creek

STATE: California

COUNTRY: USA

ZIP: 94596

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS 5.0

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/162,402B

FILING DATE: 01-Nov-1990

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30,930

REFERENCE/DOCKET NUMBER: P66 38215

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 943-1931

TELEFAX: (510) 943-1189

TELEX: N.A.

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 218 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: peptide

RESULT 8

US-08-162-402B-2

Query Match 100 %; Score 43; DB 1; Length 218;

Best Local Similarity 100 %; Pred. No. 0.19; Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9

Db 144 VQFVASYKV 152

RESULT 9

US-09-364-185-2

Query Match 100.0%; Score 43; DB 2; Length 218;

Best Local Similarity 100.0%; Pred. No. 0.19; Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9

Db 144 VQFVASYKV 152

GENERAL INFORMATION:

PATENT NO. 6596938

APPLICANT: Ceriani, Roberto L.

APPLICANT: Peterson, Jerry A.

APPLICANT: Larocca, David J.

TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON TITLE OF INVENTION: KIT & METHODS

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

NAME: Amzel, Viviana

ADDRESS: Ratner & Prestia

STREET: Suite 301

CITY: Valley Forge

STATE: Pennsylvania

COUNTRY: USA

ZIP: 19482

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK, 3.5"

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS 5.0

SOFTWARE: PatentIn #1.0,

SOFTWARE: Version #1.25,

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/364,185

FILING DATE: June 7, 1995

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30,930

REFERENCE/DOCKET NUMBER: CRFC-046

TELECOMMUNICATION INFORMATION:

TELEPHONE: (610) 407-0700

TELEFAX: (610) 407-0701

TELEX: N.A.

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE 2, Application US/08162402B

PATENT NO. 5972337

GENERAL INFORMATION:

APPLICANT: CERIANI, ROBERTO L.

APPLICANT: PEDERSON, JERRY A.

APPLICANT: LAROCCA, DAVID J.

TITLE OF INVENTION: GLLOBUL (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:

NAME: Amzel, Viviana

ADDRESS: Precht, Schroeder & Poplawski

STREET: 444 South Flower St., 19th Floor

CITY: Los Angeles

STATE: CA

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: Disquette

COMPUTER: IBM Compatible

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
 LENGTH: 218 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ; FRAGMENT TYPE:
 ; US-09-364-185-2

RESULT 10
 US-08-162-402B-6
 ; Sequence 6, Application US/08162402B
 ; Patent No. 5972337
 ; GENERAL INFORMATION:
 ; APPLICANT: CERIANI, ROBERTO L.
 ; APPLICANT: PETERSON, JERRY A.
 ; APPLICANT: LAROCCA, DAVID J.
 ; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT GLOBULE (HMG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
 ; NUMBER OF SEQUENCES: 29
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pretty, Schroeder & Poplawski
 ; STREET: 444 South Flower St., 19th Floor
 ; CITY: Los Angeles
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/162,402B
 ; FILING DATE: 03-DEC-1993
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Amzel, Viviana
 ; REGISTRATION NUMBER: 30,930
 ; REFERENCE/DOCKET NUMBER: P66 38215
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 213-622-7700
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 465 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: peptide
 ; US-08-162-402B-8

Query Match 100.0%; Score 43; DB 2; Length 387;
 Best Local Similarity 100.0%; Pred. No. 0.35; DB 2; Length 387;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
 Db 144 VQFVASYKV 152

RESULT 11
 US-08-162-402B-8
 ; Sequence 8, Application US/08162402B
 ; Patent No. 5972337
 ; GENERAL INFORMATION:
 ; APPLICANT: CERIANI, ROBERTO L.
 ; APPLICANT: PETERSON, JERRY A.
 ; APPLICANT: LAROCCA, DAVID J.
 ; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT GLOBULE (HMG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
 ; NUMBER OF SEQUENCES: 29
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pretty, Schroeder & Poplawski
 ; STREET: 444 South Flower St., 19th Floor
 ; CITY: Los Angeles
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/162,402B
 ; FILING DATE: 03-DEC-1993
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Amzel, Viviana
 ; REGISTRATION NUMBER: 30,930
 ; REFERENCE/DOCKET NUMBER: P66 38215
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 213-622-7700
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 465 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: peptide
 ; US-08-162-402B-8

Query Match 100.0%; Score 43; DB 2; Length 465;
 Best Local Similarity 100.0%; Pred. No. 0.43; DB 2; Length 465;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
 Db 391 VQFVASYKV 399

RESULT 12
 US-08-480-229C-21
 ; Sequence 21, Application US/08480229C
 ; Patent No. 5874562
 ; GENERAL INFORMATION:
 ; APPLICANT: Quertemont, Thomas
 ; APPLICANT: Hogan, Brigid
 ; APPLICANT: Shodgrass, H. Ralph
 ; APPLICANT: Zupancic, Thomas J.
 ; TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL CELL LOCUS-1
 ; NUMBER OF SEQUENCES: 29
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pennie & Edmonds LLP
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York

STATE: New York
 COUNTRY: United States
 ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-08/480,229C
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
 NAME: Poissant, Brian M.
 REFERENCE/DOCKET NUMBER: 28,462
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 869-9090
 TELEX: 66141 Pennie 21:
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 321 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 MOLECULE TYPE: protein
 TOPOLOGY: unknown
 TOPOLOGY: unknown
 STRANDEDNESS:
 MOLECULE TYPE: protein

RESULT 13
 US-08-659-235C-21

Sequence 21, Application US/08659235C
 Patent No. 5877281

GENERAL INFORMATION:

APPLICANT: Quertemous, Thomas
 APPLICANT: Hogan, Brigid
 APPLICANT: Snodgrass, H. Ralph
 APPLICANT: Zupancic, Thomas J.

TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
 NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:
 ADDRESSE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: United States
 ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-08/659,235C
 FILING DATE: 05-JUN-1996
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Poissant, Brian M.
 REGISTRATION NUMBER: 28,462
 REFERENCE/DOCKET NUMBER: 8007-0034-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEX: (212) 869-8864/9741

RESULT 14
 US-09-949-016-10130

Sequence 10, Application US/09949016
 Patent No. 6812359

GENERAL INFORMATION:

APPLICANT: Venter, J. Craig et al.
 TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US-09/949,016

PRIOR APPLICATION NUMBER: 6/241,755

PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 10130
 LENGTH: 448

TYPE: PRT
 ORGANISM: Human

US-09-949-016-10130

RESULT 15
 US-09-480-229C-10

Sequence 10, Application US/08480229C
 Patent No. 5874522

GENERAL INFORMATION:

APPLICANT: Quertemous, Thomas
 APPLICANT: Hogan, Brigid
 APPLICANT: Snodgrass, H. Ralph
 APPLICANT: Zupancic, Thomas J.

TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
 NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:
 ADDRESSE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: United States
 ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/Mi-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US08/480,229C
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0026-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 865-8864/9741
TELEX: 66141 Pennie
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 480 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-480-229C-10

Query Match 83.7%; Score 36; DB 2; Length 480;
Best Local Similarity 77.8%; Pred. No. 13;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 WQFVASYKV 9
Db 402 WQFVGSKL 410

Search completed: November 17, 2005, 20:42:19
Job time : 21.1429 secs

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OM protein - protein search, using sw model

Run on:

November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds

(without alignments)

51.686 Million cell updates/sec

Title: US-09-744-804A-40
Perfect score: 43
Sequence: 1 VQFVASTKV 9

Scoring table: BL05IM62
Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 41849474 residues
Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:
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4: /cgnd2_6/prodata/1/pubpaal/us06_PUBCOMB.pep: *
5: /cgnd2_6/prodata/1/pubpaal/us07_NEW_PUB.pep: *
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16: /cgnd2_6/prodata/1/pubpaal/us10c_PUBCOMB.pep: *
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18: /cgnd2_6/prodata/1/pubpaal/us10c_PUBCOMB.pep: *
19: /cgnd2_6/prodata/1/pubpaal/us11c_PUBCOMB.pep: *
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22: /cgnd2_6/prodata/1/pubpaal/us60_PUBCOMB.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	43	100.0	217	15 US-10-038-252-3 Sequence 3, Appli
2	43	100.0	218	15 US-10-038-252-2 Sequence 2, Appli
3	43	100.0	320	16 US-10-485-360-24 Sequence 24, Appli
4	43	100.0	343	16 US-10-485-360-25 Sequence 25, Appli
5	43	100.0	343	14 US-10-190-593-2 Sequence 2, Appli
6	43	100.0	379	15 US-10-190-593-4 Sequence 3405, Appli
7	43	100.0	387	14 US-10-873-900-2 Sequence 4, Appli
8	43	100.0	387	16 US-10-873-900-2 Sequence 2, Appli
9	43	100.0	395	16 US-10-485-360-7 Sequence 7, Appli
10	43	100.0	480	16 US-10-485-360-26 Sequence 26, Appli
11	43	100.0	498	16 US-10-485-360-27 Sequence 27, Appli

12	43	100.0	612	16 US-10-485-360-30 Sequence 30, Appli
13	36	83.7	52	9 US-09-864-761-42429 Sequence 42429, A
14	36	83.7	52	9 US-09-864-761-43227 Sequence 43227, A
15	36	83.7	138	15 US-10-424-599-150551 Sequence 150551, A
16	36	83.7	480	14 US-10-177-293-122 Sequence 122, Appli
17	36	83.7	721	15 US-10-120-907A-5 Sequence 5, Appli
18	36	83.7	721	15 US-10-120-907A-43 Sequence 25, Appli
19	36	83.7	721	15 US-10-120-907A-43 Sequence 43, Appli
20	36	83.7	721	15 US-10-120-907A-65 Sequence 65, Appli
21	36	83.7	126	16 US-10-437-963-200223 Sequence 57, Appli
22	35	81.4	124	15 US-10-282-122A-47328 Sequence 47328, A
23	35	81.4	149	15 US-10-282-122A-49857 Sequence 49857, A
24	34	79.1	150	15 US-10-282-122A-50483 Sequence 50483, A
25	34	79.1	434	16 US-10-485-360-10 Sequence 4, Appli
26	34	79.1	463	16 US-10-873-900-4 Sequence 4, Appli
27	33	75.7	126	16 US-10-437-963-200223 Sequence 200223, A
28	32	74.4	474	15 US-10-369-493-2299 Sequence 2299, Appli
29	32	74.4	483	20 US-11-097-143-23751 Sequence 23751, A
30	32	74.4	610	20 US-11-097-143-31947 Sequence 31947, A
31	32	74.4	663	9 US-09-797-207-4 Sequence 4, Appli
32	32	74.4	663	9 US-10-043-318-4 Sequence 4, Appli
33	31	72.1	79	15 US-10-424-599-284977 Sequence 284977, A
34	31	72.1	86	16 US-10-425-115-226507 Sequence 226507, A
35	31	72.1	92	16 US-10-437-963-1522776 Sequence 1522776, A
36	31	72.1	154	15 US-10-424-599-247257 Sequence 247257, A
37	31	72.1	279	14 US-10-097-111-3 Sequence 3, Appli
38	31	72.1	1226	15 US-10-369-493-1078 Sequence 1078, Appli
39	30	69.8	43	14 US-10-016-39A-17 Sequence 147, App
40	30	69.8	50	15 US-10-424-599-246629 Sequence 246629, A
41	30	69.8	85	16 US-10-425-115-288075 Sequence 288075, A
42	30	69.8	129	15 US-10-108-260A-4374 Sequence 4374, AP
43	30	69.8	129	15 US-10-108-260A-4390 Sequence 4330, AP
44	30	69.8	129	15 US-10-108-260A-4453 Sequence 4333, AP
45	30	69.8	134	20 US-11-097-143-13920 Sequence 13920, A

ALIGNMENTS

RESULT 1

US-10-038-252-3

; Sequence 3, Application US/10038252
; Publication No. US200400766291

GENERAL INFORMATION:

APPLICANT: Ceriani, Roberto L.

Peterson, Jerry A.
Larocca, David J.

TITLE OF INVENTION:

FUSION PROTEIN WITH 46 KDALTON HMRG DIFFERENTIATION ANTIGEN BINDING

SPECIFICITY, COMPOSITION, KIT & METHODS

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: V. Amzel & Assoc.
STREET: P.O.Box 159
CITY: Gladwyne
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19035

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk 3.5"

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0

SOFTWARE: Patent #1.0,
Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/038-252

FILING DATE: 02-Jan-2002

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30,930

REFERENCE DOCKET NUMBER: CRFC-047

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-649-0609
 TELEFAX: 210-359-0299
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 217
 TYPE: amino acid
 STRANDBNESS: <Unknown>
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: <Unknown>
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-10-038-252-3

Query Match 100%; Score 43; DB 15; Length 217;
 Best Local Similarity 100%; Pred. No. 1.1; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
 Db 143 VQFVASYKV 151

RESULT 2
 US-10-038-252-2
 Sequence 2, Application US/10038252
 Publication No. US200407629A1
 GENERAL INFORMATION:
 APPLICANT: Ceriani, Roberto L.
 Peterson, Jerry A.
 Larocca, David J.
 TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDAULTON HMFG
 DIFFERENTIATION ANTIGEN BINDING SPECIFICITY, COMPOSITION, KIT & METHODS
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: V. Amzel & Assoc.
 STREET: P.O.Box 159
 CITY: Gladwyne
 STATE: Pennsylvania
 COUNTRY: USA
 ZIP: 19035

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 MEDIUM TYPE: FLOPPY disk 3.5"
 Version #1.0'

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/038, 252
 FILING DATE: 02-Jan-00
 CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:
 NAME: Amzel, Viviana
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: CRFC-047
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 610-649-0609
 TELEX: 210-359-0299

INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 210 amino acids
 TYPE: amino acid
 STRANDBNESS: <Unknown>
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: <Unknown>
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-10-038-252-2

Query Match 100%; Score 43; DB 15; Length 218;
 Best Local Similarity 100%; Pred. No. 1.1;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 VQFVASYKV 9
 Db 144 VQFVASYKV 152

RESULT 3
 US-10-485-360-24
 Sequence 24, Application US/10485360
 Publication No. US2004019714A1
 GENERAL INFORMATION:
 APPLICANT: Delcayre, Alain
 TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 CURRENT APPLICATION NUMBER: US/10/485, 360
 CURRENT FILING DATE: 2004-01-30
 NUMBER OF SEQ ID NOS: 30
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 24
 LENGTH: 320

TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: MISC FEATURE
 OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
 US-10-485-360-24

Query Match 100%; Score 43; DB 16; Length 320;
 Best Local Similarity 100%; Pred. No. 1.6; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
 Db 238 VQFVASYKV 246

RESULT 4
 US-10-485-360-25
 Sequence 25, Application US/10485360
 Publication No. US2004019714A1
 GENERAL INFORMATION:
 APPLICANT: Delcayre, Alain
 APPLICANT: Delcayre, Jean-Bernard
 TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 CURRENT APPLICATION NUMBER: US/10/485, 360
 CURRENT FILING DATE: 2004-01-30
 NUMBER OF SEQ ID NOS: 30
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 25
 LENGTH: 340

TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: MISC FEATURE
 OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
 US-10-485-360-25

Query Match 100%; Score 43; DB 16; Length 340;
 Best Local Similarity 100%; Pred. No. 1.7; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
 Db 258 VQFVASYKV 266

RESULT 5
 US-10-190-593-2
 Sequence 2, Application US/10190593
 Publication No. US2003002221A1

GENERAL INFORMATION:
 APPLICANT: LANGIT, Emanuel et al.
 TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
 TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
 TITLE OF INVENTION: USES THEREOF
 FILE REFERENCE: C100146
 CURRENT APPLICATION NUMBER: US/10/190,593
 CURRENT FILING DATE: 2002-07-09
 NUMBER OF SEQ ID NOS: 4
 SEQ ID NO 2
 SOFTWARE: FastSEQ for Windows Version 4.0
 LENGTH: 343
 TYPE: PRT
 ORGANISM: Human
 US-10-190-593-2

RESULT 6
 US-10-108-260A-3405
 ; Sequence 3405, Application US/10108260A
 ; Publication No. US20040005560A1
 ; GENERAL INFORMATION:
 ; APPLICANT: HELIX RESEARCH INSTITUTE
 ; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
 ; FILE REFERENCE: HL-A0106
 ; CURRENT APPLICATION NUMBER: US/10/108,260A
 ; CURRENT FILING DATE: 2002-03-27
 ; NUMBER OF SEQ ID NOS: 5458
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 3405
 ; LENGTH: 379
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-108-260A-3405

Query Match 100.0%; Score 43; DB 14; Length 343;
 Best Local Similarity 100.0%; Pred. No. 1.7; Mismatches 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
 Db 269 VQFVASYKV 277

RESULT 8
 US-10-873-900-2
 ; Sequence 2, Application US/10873900
 ; Publication No. US20040241179A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Institute National De La Sante Et De La Recherche Medicale
 ; APPLICANT: Raposo, Graca
 ; APPLICANT: Amigorena, Sebastian
 ; APPLICANT: Theory, Clotilde
 ; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
 ; FILE REFERENCE: 70215.4003
 ; CURRENT APPLICATION NUMBER: US/10/873,900
 ; CURRENT FILING DATE: 2004-06-21
 ; PRIOR APPLICATION NUMBER: US 09/582,340
 ; PRIOR FILING DATE: 1999-11-23
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 2
 ; LENGTH: 387
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-873-900-2

Query Match 100.0%; Score 43; DB 16; Length 387;
 Best Local Similarity 100.0%; Pred. No. 1.9; Mismatches 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
 Db 313 VQFVASYKV 321

RESULT 9
 US-10-485-360-7
 ; Sequence 7, Application US/10485360
 ; Publication No. US20040197314A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Delcavre, Alain
 ; APPLICANT: Le Peçq, Jean-Bernard
 ; APPLICANT: Methods and Compounds for the Targeting of Protein to Exosomes
 ; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 ; FILE REFERENCE: B0094W0
 ; CURRENT APPLICATION NUMBER: US/10/485,360
 ; CURRENT FILING DATE: 2004-01-30
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 7
 ; LENGTH: 395
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-485-360-7

Query Match 100.0%; Score 43; DB 16; Length 395;
 Best Local Similarity 100.0%; Pred. No. 2; Mismatches 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
 Db 313 VQFVASYKV 321

RESULT 10
 US-10-485-360-26
 ; Sequence 26, Application US/10485360
 ; Publication No. US20040197314A1
 ; GENERAL INFORMATION:

ORGANISM: Artificial Sequence
 FEATURE: MISC.FEATURE
 NAME/KEY: MISC.FEATURE
 OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
 US-10-485-360-30

Query Match 100.0%; Score 43; DB 16; Length 612;
 Best Local Similarity 100.0%; Pred. No. 3-1; Matches 9; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
 Db 398 VQFVASYKV 406

RESULT 13
 US-09-864-761-42429
 Sequence 42429, Application US/09864761
 Patent No. US20030049763A1
 GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wenshang
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Genomic-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-06-03
 PRIOR APPLICATION NUMBER: GB 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 NUMBER OF SEQ ID NOS: 49117
 SEQ ID NO: 42429
 LENGTH: 52
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC008430.3

RESULT 12
 US-10-485-360-30
 Sequence 30, Application US/10485360
 Publication No. US20040197314A1
 GENERAL INFORMATION:
 APPLICANT: Delcavre, Alain
 APPLICANT: Le Pecq, Jean-Bernard
 APPLICANT: Delcavre, Alain
 TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 FILE REFERENCE: B0094W0
 CURRENT APPLICATION NUMBER: US/10/485,360
 CURRENT FILING DATE: 2004-01-30
 NUMBER OF SEQ ID NOS: 30
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 30
 LENGTH: 512
 TYPE: PRT

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.5
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.2
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.4
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.3
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.3
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
 OTHER INFORMATION: EST_HUMAN HIT: AW965338.1, EVALU 9.00e-25
 OTHER INFORMATION: SWISSPROT HIT: P70490, EVALU 3.00e-13
 US-09-864-761-42429

Query Match 83.7%; Score 36; DB 9; Length 52;
 Best Local Similarity 77.8%; Pred. No. 6.7; Mismatches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 Qty 1 VQFVASYKV 9
 Db 23 VQFVASYKL 31

RESULT 14
 US-09-864-761-43227
 Sequence 43227, Application US/09864761
 Patent No. US2002048763A1

GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wenshang
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Reomnia-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 6/0/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: animax Sequence Listing Engine vers. 1.1
 SEQ ID NO 43227

LENGTH: 52
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:

OTHER INFORMATION: MAP TO AC008430.2
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.1
 OTHER INFORMATION: SWISSPROT HIT: P70490, EVALU 3.00e-13
 OTHER INFORMATION: EST_HUMAN HIT: AW965338.1, EVALU 6.00e-25
 US-09-864-761-42429

Query Match 83.7%; Score 36; DB 9; Length 52;
 Best Local Similarity 77.8%; Pred. No. 6.7; Mismatches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 Qty 1 VQFVASYKV 9
 Db 23 VQFVGSYKL 31

RESULT 15
 US-10-424-599-150551
 Sequence 150551, Application US/10424599
 Publication No. US20040031072A1

GENERAL INFORMATION:
 APPLICANT: La Rosa Thomas J
 APPLICANT: Kovacic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
 FILE REFERENCE: 38-21(5323)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 150551
 LENGTH: 138
 TYPE: PRT
 ORGANISM: Glycine max
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1)..(138)
 OTHER INFORMATION: unsure at all xaa locations
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_106972C.1.pep
 US-10-424-599-150551

Query Match 83.7%; Score 36; DB 15; Length 138;
 Best Local Similarity 87.5%; Pred. No. 18; Mismatches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qty 2 VQFVASYKV 9
 Db 4 EFPVASYK 11

Search completed: November 17, 2005, 21:24:20
 Job time : 72.8571 secs

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OM protein - protein search, using sw model

Run on:

November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds

(without alignments)
33.354 Million cell updates/sec.

Title: US-09-744-804A-41
Perfect score: 44
Sequence: 1 RLLAAACGAA 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:
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2: /cgtn2_6/ptodata/1/iaa/5B-COMB-pep:**
3: /cgtn2_6/ptodata/1/iaa/6A-COMB-pep:**
4: /cgtn2_6/ptodata/1/iaa/6B-COMB-pep:**
5: /cgtn2_6/ptodata/1/iaa/PCUS-COMB-pep:**
6: /cgtn2_6/ptodata/1/iaa/backfiles1.pep:**

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ALIGNMENTS

Result No.	Score	Query	Match Length	DB ID	Description	RESULT 1
1	44	100.0	387	2	US-08-162-402B-6	; Sequence 6, Application US/08162402B ; Patent No. 5972337
2	44	100.0	465	2	US-08-162-402B-6	; GENERAL INFORMATION: ; APPLICANT: CERIANI, ROBERTO L. ; APPLICANT: PETERSON, JERRY A. ; APPLICANT: LAROCCA, DAVID J. ; TITLE OF INVENTION: 46 KALTON HUMAN MILK FAT ; TITLE OF INVENTION: GLOBULE (IMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN ; NUMBER OF SEQUENCES: 29 ; CORRESPONDENCE ADDRESS: ; ADDRESSEE: Pretty, Schroeder & Poplawski ; STREET: 444 South Flower St., 19th Floor ; CITY: Los Angeles ; STATE: CA ; COUNTRY: USA ; ZIP: 90071
3	37	84.1	463	2	US-08-162-402B-6	; COMPUTER READABLE FORM: ; MEDIUM TYPE: Diskette ; COMPUTER: IBM Compatible ; OPERATING SYSTEM: DOS ; SOFTWARE: FastSEQ for Windows Version 2.0
4	36	81.8	159	4	US-09-252-991A-22210	; CURRENT APPLICATION DATA: ; APPLICATION NUMBER: US/08/162,402B ; FILING DATE: 03-DEC-1993 ; CLASSIFICATION: 435 ; PRIORITY APPLICATION DATA: ; APPLICATION NUMBER: ; FILING DATE: ; ATTORNEY/AGENT INFORMATION: ; NAME: Anzel, Viviana
5	36	81.8	290	4	US-09-252-991A-31976	; REGISTRATION NUMBER: 30,930 ; REFERENCE/DOCKET NUMBER: P6 38215 ; TELECOMMUNICATION INFORMATION: ; TELEPHONE: 213-622-7700 ; TELEFAX: 211-489-4210 ; TELX:
6	36	81.8	355	3	US-08-890-719-11	; INFORMATION FOR SEQ ID NO: 6: ; SEQUENCE CHARACTERISTICS: ; LENGTH: 387 amino acids ; TYPE: amino acid ; STRANDEDNESS: unknown ; TOPOLOGY: unknown ; MOLECULE TYPE: peptide
7	36	81.8	355	3	US-08-890-719-13	
8	35	79.5	446	4	US-09-252-991A-23809	
9	34	77.3	295	4	US-09-893-737-324	
10	34	77.3	573	4	US-09-903-540-13543	
11	33	75.0	95	4	US-09-270-767-49508	
12	33	75.0	95	4	US-09-270-767-49508	
13	33	75.0	211	4	US-09-543-681A-6034	
14	33	75.0	252	4	US-09-483-0391-10173	
15	33	75.0	295	4	US-09-134-00C-5489	
16	33	75.0	345	4	US-09-489-0391-12233	
17	33	75.0	426	4	US-09-107-5246	
18	32	72.7	201	4	US-09-461-325-140	
19	32	72.7	201	4	US-09-012-542-140	
20	32	72.7	201	4	US-10-115-123-140	
21	32	72.7	234	4	US-09-483-0391-11988	
22	32	72.7	728	4	US-09-198-522A-121	
23	32	72.7	332	4	US-09-489-0391-8567	
24	32	72.7	349	4	US-09-430-185A-105	
25	32	72.7	350	4	US-09-483-0391-7254	
26	32	72.7	361	1	US-08-415-751-36	
27	32	72.7	376	4	US-09-498-520A-32	

QY 1 RLLAALCGA 9
Db 5 RLLAALCGA 13

RESULT 2
US-08-162-402B-8
; Sequence 8, Application US/08162402B
; Patent No. 5,972,337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; PRIORITY APPLICATION NUMBER: 435
; ATTORNEY / AGENT INFORMATION:
; NAME: Amel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEX: 213-489-4210
; INFORMATION FOR SEQ ID NO: 8:
; LENGTH: 465 amino acids
; STRANDEDNESS: unknown
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-9

Query Match
Best Local Similarity 100.0%; Score 44; DB 2; Length 465;
Matches 9; Conservative 10.0%; Pred. No. 2,1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLLAALCGA 9
Db 5 RLLAALCGA 13

RESULT 3
US-08-162-402B-9
; Sequence 9, Application US/08162402B
; Patent No. 5,972,337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; PRIORITY APPLICATION NUMBER: 435
; ATTORNEY / AGENT INFORMATION:
; NAME: Amel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEX: 213-489-4210
; INFORMATION FOR SEQ ID NO: 9:
; LENGTH: 465 amino acids
; STRANDEDNESS: unknown
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-9

Query Match
Best Local Similarity 87.5%; Score 37; DB 2; Length 463;
Matches 7; Conservative 8.8%; Pred. No. 42; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLLAALCG 8
Db 5 RVLAAACGA 12

RESULT 4
US-09-22-991A-22210
; Sequence 22210, Application US/09252991A
; General Information:
; Patent No. 6551795
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 1998-02-18
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 1998-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/074,798
; PRIOR FILING DATE: 1998-07-27
; SEQ ID NO: 22210
; LENGTH: 159
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-22210

Query Match
Best Local Similarity 81.8%; Score 36; DB 4; Length 159;
Matches 7; Conservative 7.7%; Pred. No. 22; Mismatches 1; Indels 0; Gaps 0;

QY 1 RLLAALCGA 9

```

Db          124 QLLCALCGA 132
;
; APPLICANT: Fulton, Janet
; TITLE OF INVENTION: Production of Antisera Specific to Major
; FILE REFERENCE: Dkt. 004.96 - Larry D. Bacon et al.
; CURRENT APPLICATION NUMBER: US/08/890/719A
; EARLIER APPLICATION NUMBER: 60/021,685
; EARLIER FILING DATE: 1996-07-10
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 13
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Gallus gallus
US-08-890-719-13
Query Match      81.8%; Score 36; DB 4; Length 290;
Best Local Similarity 87.5%; Pred. No. 40; Indels 0; Gaps 0;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy          2 LLALACGA 9
Db          245 VLLALCGA 252
;

RESULT 6
US-08-890-719-11
;
; Sequence 11, Application US/08890719A
; Patent No. 6075125
; GENERAL INFORMATION:
; APPLICANT: Bacon, Larry D
; APPLICANT: Hunt, Henry D
; APPLICANT: Fulton, Janet
; TITLE OF INVENTION: Production of Antisera Specific to Major
; FILE REFERENCE: Hisocompatibility Complex Molecules in Chickens
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 23809
; LENGTH: 446
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23809
Query Match      81.8%; Score 36; DB 3; Length 355;
Best Local Similarity 87.5%; Pred. No. 49; Indels 0; Gaps 0;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy          2 LLALACGA 9
Db          245 VLLALCGA 252
;

RESULT 7
US-08-890-719-11
;
; Sequence 11, Application US/08890719A
; Patent No. 6075125
; GENERAL INFORMATION:
; APPLICANT: Bacon, Larry D
; APPLICANT: Hunt, Henry D
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 31976
; LENGTH: 290
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-31976
Query Match      81.8%; Score 36; DB 4; Length 290;
Best Local Similarity 87.5%; Pred. No. 40; Indels 0; Gaps 0;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy          2 LLALACGA 9
Db          245 VLLALCGA 252
;

RESULT 8
US-09-252-991A-23809
;
; Sequence 8, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 23809
; LENGTH: 446
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23809
Query Match      79.5%; Score 35; DB 4; Length 446;
Best Local Similarity 100.0%; Pred. No. 94; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy          2 LLALACGA 9
Db          204 LLALACCG 210
;

RESULT 9
US-09-893-737-324
;
; Sequence 9, Application US/09893737
; Patent No. 6822082
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Presnell, Scott R.
; TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS
; FILE REFERENCE: 00-41
; CURRENT APPLICATION NUMBER: US/09/893,737
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/215,446
; PRIOR FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 329
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 324
; LENGTH: 295
;

RESULT 7
US-08-890-719-13
;
; Sequence 13, Application US/08890719A
; Patent No. 6075125
; GENERAL INFORMATION:
; APPLICANT: Bacon, Larry D
; APPLICANT: Hunt, Henry D
; TITLE OF INVENTION: HistoCompatibility Complex Molecules in Chickens
; FILE REFERENCE: Dkt. 004.96 - Larry D. Bacon et al.
; CURRENT APPLICATION NUMBER: US/08/890/719A
; EARLIER APPLICATION NUMBER: 60/021,685
; EARLIER FILING DATE: 1996-07-10
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 13
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Gallus gallus
US-08-890-719-13
Query Match      81.8%; Score 36; DB 4; Length 290;
Best Local Similarity 87.5%; Pred. No. 40; Indels 0; Gaps 0;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy          2 LLALACGA 9
Db          245 VLLALCGA 252
;
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-893-737-324
Query Match Score 34; DB 4; Length 295;
Best Local Similarity 77.3%; Pred. No. 95%; Mismatches 1; Indels 0; Gaps 0;
QY 2 RLALALCGA 9
Db 7 RLALALCGA 14

RESULT 10
US-09-902-540-13543
; Sequence 13543; Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wieand, Roger C.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326.094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO: 49508
; LENGTH: 95
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURES:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-49508
Query Match Score 34; DB 4; Length 573;
Best Local Similarity 77.3%; Pred. No. 1.8e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 7; Conservative 0; MisMatch 2;
QY 1 RLALALCGA 9
Db 47 RLILRLCGA 55

NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 13543
LENGTH: 573

; TYPE: PRT
; ORGANISM: Myxococcus xanthus
US-09-902-540-13543

Query Match Score 34; DB 4; Length 573;
Best Local Similarity 77.3%; Pred. No. 1.8e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 7; Conservative 0; MisMatch 2;
QY 1 RLALALCGA 9
Db 47 RLILRLCGA 55

CURRENT FILING DATE: 2001-07-10
PRIORITY APPLICATION NUMBER: US 09/902,540
PRIORITY FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 13543
LENGTH: 573

RESULT 11
US-09-270-767-34291
; Sequence 34291; Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7256-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 34291
; LENGTH: 95
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: xaa means any amino acid
US-09-270-767-34291

Query Match Score 34; DB 4; Length 295;
Best Local Similarity 77.3%; Pred. No. 95%; Mismatches 1; Indels 0; Gaps 0;
QY 2 RLALALCGA 9
Db 7 RLALALCGA 14

RESULT 12
US-09-270-67-49508
; Sequence 49508; Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326.094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO: 49508
; LENGTH: 95
; TYPE: PRT
; ORGANISM: Proteus mirabilis
; FEATURES:
; OTHER INFORMATION: Xaa means any amino acid
US-09-543-681A-6034
Query Match Score 33; DB 4; Length 211;
Best Local Similarity 75.0%; Pred. No. 1e+02; Mismatches 2; Indels 1; Gaps 0;
Matches 6; Conservative 2; MisMatch 1;
QY 1 RLALALCGA 9
Db 107 RLVAACAA 115

RESULT 13
US-09-543-681A-6034
; Sequence 6034; Application US/09543681A
; Patent No. 6605709
; GENERAL INFORMATION:
; APPLICANT: GARY BRETON
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
; FILE REFERENCE: 2109.1002-001
; CURRENT APPLICATION NUMBER: US/09/543, 681A
; CURRENT FILING DATE: 2000-04-05
; PRIORITY APPLICATION NUMBER: US 60/1128,706
; PRIORITY FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO 6034
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Proteus mirabilis
; FEATURES:
; OTHER INFORMATION: xaa means any amino acid
US-09-543-681A-6034

Query Match Score 33; DB 4; Length 211;
Best Local Similarity 75.0%; Pred. No. 1e+02; Mismatches 2; Indels 1; Gaps 0;
Matches 6; Conservative 2; MisMatch 1;
QY 1 RLALALCGA 9
Db 107 RLVAACAA 115

RESULT 14
US-09-489-039A-10173
; Sequence 10173; Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.204401
; CURRENT APPLICATION NUMBER: US/09/489, 039A
; CURRENT FILING DATE: 2000-01-27
; PRIORITY APPLICATION NUMBER: US 60/117,747
; PRIORITY FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 10173

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; LENGTH: 252
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-10173

Query Match 75.0%; Score 33; DB 4; Length 252;
Best Local Similarity 66.7%; Pred. No. 1.2e+02; Gaps 0;
Matches 6; Conservative 2; Mismatches 1; Indels 0;
Qy 1 RLALALCGA 9
Db 79 KVLLALCGA 87

RESULT 15
US-09-134-000C-5489
; Sequence 5489, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO
; TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134, 000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055, 778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5489
; LENGTH: 295
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5489

Query Match 75.0%; Score 33; DB 4; Length 295;
Best Local Similarity 75.0%; Pred. No. 1.5e+02; Gaps 0;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 2 LLALCGA 9
Db 169 VLALALCGS 176

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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
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Title: US-09-744-804A-41

Perfect score: 44

Sequence: 1 RLLAAACGGA 9

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Searched: 1867879 seqs, 418409474 residues

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Minimum DB seq length: 0

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Post-processing: Maximum Match 0%
 Listing first 45 summaries

database : Published Applications AA:*

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 20: /cggn_6/ptodata/1/pupbaa/US11C_PUBCOMB.pep: *
 21: /cggn_6/ptodata/1/pupbaa/US60_NEW_PUBCOMB.pep: *
 22: /cggn_6/ptodata/1/pupbaa/US60_PUBCOMB.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

RESULT 1
 US-10-408-765A-1474 ; Sequence 1474, Application US/10408765A
 Publication No. US20040101874A1 ; General Information:
 ; APPLICANT: Ghosh, Soumitra S.
 ; APPLICANT: Fahy, Eoin D.
 ; APPLICANT: Zhang, Bing
 ; APPLICANT: Gibson, Bradford W.
 ; APPLICANT: Taylor, Steven W.
 ; APPLICANT: Glenn, Gary M.
 ; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
 ; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
 ; FILE REFERENCE: 620088_465
 ; CURRENT APPLICATION NUMBER: US/10/408,765A
 ; CURRENT FILING DATE: 2003-04-04
 ; NUMBER OF SEQ ID NOS: 3077
 ; SOFTWARE: Fast-SEQ for Windows Version 4.0
 ; SEQ ID NO 1474
 ; LENGTH: 335
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-408-765A-1474

Query	Match	Similarity	Score	DB	Length
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Sequence 5, Appli	99%	100.0%	44	16	335
Sequence 6, Appli	99%	100.0%	44	16	335
Sequence 7, Appli	99%	100.0%	44	16	335
Sequence 8, Appli	99%	100.0%	44	16	335
Sequence 9, Appli	99%	100.0%	44	16	335
Sequence 10, Appli	99%	100.0%	44	16	335
Sequence 11, Appli	99%	100.0%	44	16	335
Sequence 12, Appli	99%	100.0%	44	16	335
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Sequence 19, Appli	99%	100.0%	44	16	335
Sequence 20, Appli	99%	100.0%	44	16	335
Sequence 21, Appli	99%	100.0%	44	16	335
Sequence 22, Appli	99%	100.0%	44	16	335
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Sequence 24, Appli	99%	100.0%	44	16	335
Sequence 25, Appli	99%	100.0%	44	16	335
Sequence 26, Appli	99%	100.0%	44	16	335
Sequence 27, Appli	99%	100.0%	44	16	335
Sequence 28, Appli	99%	100.0%	44	16	335
Sequence 29, Appli	99%	100.0%	44	16	335
Sequence 30, Appli	99%	100.0%	44	16	335
Sequence 31, Appli	99%	100.0%	44	16	335
Sequence 32, Appli	99%	100.0%	44	16	335
Sequence 33, Appli	99%	100.0%	44	16	335
Sequence 34, Appli	99%	100.0%	44	16	335
Sequence 35, Appli	99%	100.0%	44	16	335
Sequence 36, Appli	99%	100.0%	44	16	335
Sequence 37, Appli	99%	100.0%	44	16	335
Sequence 38, Appli	99%	100.0%	44	16	335
Sequence 39, Appli	99%	100.0%	44	16	335
Sequence 40, Appli	99%	100.0%	44	16	335
Sequence 41, Appli	99%	100.0%	44	16	335
Sequence 42, Appli	99%	100.0%	44	16	335
Sequence 43, Appli	99%	100.0%	44	16	335
Sequence 44, Appli	99%	100.0%	44	16	335
Sequence 45, Appli	99%	100.0%	44	16	335

ALIGNMENTS

US-10-190-593-2 ;
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: NUCLEAR ACID MOLECULES ENCODING, HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CLO01246
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 2
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Human
; US-10-190-593-2
; Query Match 100.0%; Score 44; DB 14; Length 343;
; Best Local Similarity 100.0%; Pred. No. 19; Mismatches 0; Indels 0; Gaps 0;
; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Qy 1 RLLALCGA 9
; Db 5 RLLALCGA 13
; RESULT 3
; US-10-485-360-8
; Sequence 8, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Peçq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 8
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-485-360-8
; Query Match 100.0%; Score 44; DB 16; Length 343;
; Best Local Similarity 100.0%; Pred. No. 19; Mismatches 0; Indels 0; Gaps 0;
; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Qy 1 RLLALCGA 9
; Db 5 RLLALCGA 13
; RESULT 4
; US-10-485-360-8
; Sequence 4, Application US/10190593
; Publication No. US2003002221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: NUCLEAR ACID MOLECULES ENCODING, HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CLO01246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 4
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-485-360-7
; Query Match 100.0%; Score 44; DB 16; Length 395;
; Best Local Similarity 100.0%; Pred. No. 21; Mismatches 0; Indels 0; Gaps 0;
; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Qy 1 RLLALCGA 9
; Db 5 RLLALCGA 13
; RESULT 5
; US-10-873-900-2
; Sequence 2, Application US/10873900
; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institute National De La Sante Et De La Recherche Medicale
; APPLICANT: Raposo, Gracia
; APPLICANT: Amigorena, Sebastian
; APPLICANT: Therry, Claude
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 702154003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; PRIOR FILING DATE: 1999-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-873-900-2
; Query Match 100.0%; Score 44; DB 16; Length 387;
; Best Local Similarity 100.0%; Pred. No. 21; Mismatches 0; Indels 0; Gaps 0;
; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Qy 1 RLLALCGA 9
; Db 5 RLLALCGA 13
; RESULT 6
; US-10-485-360-7
; Sequence 7, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Peçq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 7
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-485-360-7
; Query Match 100.0%; Score 44; DB 16; Length 395;
; Best Local Similarity 100.0%; Pred. No. 21; Mismatches 0; Indels 0; Gaps 0;
; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 7
US-10-085-360-30
; Sequence 360, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; ; APPLICANT: Le Pegg, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
; SEQ ID NO 30
; LENGTH: 612
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; ; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
; US-10-485-360-30

Query Match 100.0%; Score 44; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RLLAALCGA 9
Db 5 RLLAALCGA 13

RESULT 8
US-10-424-599-265437
; Sequence 265437, Application US/10424599
; Publication No. US2004031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21 (53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SBO ID NO 265437
LENGTH: 116

; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(116)
; OTHER INFORMATION: unsure at all xaa locations
; OTHER INFORMATION: Clone ID: PAT_MRT3847_8170C.1.pep
; US-10-424-599-265437

Query Match 88.6%; Score 39; DB 15; Length 116;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 9
US-10-002-631C-194
; Sequence 194, Application US/10002631C
; Publication No. US20030197486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
; APPLICANT: Muensler, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
FILE REFERENCE: A34943 090495.0243
CURRENT APPLICATION NUMBER: US/10/002,631C
CURRENT FILING DATE: 2001-10-31
PRIORITY APPLICATION NUMBER: 60/330,309
PRIOR FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 324
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 236
LENGTH: 218
TYPE: PRT
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: UNSURE
LOCATION: (4)..(54)
OTHER INFORMATION: Xaa = any amino acid
US-10-002-631C-236

Query Match 84.1%; Score 37; DB 14; Length 218;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

RESULT 10
US-10-002-631C-236
; Sequence 236, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
; APPLICANT: Muensler, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
FILE REFERENCE: A34943 090495.0243
CURRENT APPLICATION NUMBER: US/10/002,631C
CURRENT FILING DATE: 2001-10-31
PRIORITY APPLICATION NUMBER: 60/330,309
PRIOR FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 324
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 236
LENGTH: 218
TYPE: PRT
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: UNSURE
LOCATION: (4)..(54)
OTHER INFORMATION: Xaa = any amino acid
US-10-002-631C-236

Query Match 84.1%; Score 37; DB 14; Length 218;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

RESULT 11
US-10-282-612A-61916
; Sequence 61916, Application US/10282122A
; Publication No. US2004022913A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haelebeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith

```

; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: FORSBYN, R.
; APPLICANT: XU, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: EIJTRA_034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File wrapper or PALM.
; NUMBER OF SEQ ID NOS: 7614
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 61916
; LENGTH: 415
; TYPE: PRT
; ORGANISM: Mycobacterium avium
US-10-282-122A-61916

Query Match Score 84.1%; Score 37; DB 15; Length 415;
Best Local Similarity 77.8%; Pred. No. 3.8e+02; Mismatches 1; Indels 0; Gaps 0;
Matches 7; Conservative 1; D mismatches 1;
Qy 1 RLUALACGA 9
Db 20 RWTNALCGA 28

RESULT 12
US-10-485-360-10
; Sequence 10, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcage, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds For the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 434
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-485-360-10

Query Match Score 84.1%; Score 37; DB 16; Length 434;
Best Local Similarity 87.5%; Pred. No. 3.8e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 1; D mismatches 0;
Qy 1 RLUALACGA 8
Db 108 QLICAGCGA 116

RESULT 13
US-10-873-900-4
; Sequence 4, Application US/10873900
; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institut National De La Sante Et De La Recherche Medicale
; APPLICANT: Raposo, Graca
; APPLICANT: Anjorenca, Sebastian
; APPLICANT: Thery, Clotilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215.4003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; PRIOR FILING DATE: 1999-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 4
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Murine
US-10-873-900-4

Query Match Score 84.1%; Score 37; DB 16; Length 463;
Best Local Similarity 87.5%; Pred. No. 3.8e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 1; D mismatches 0;
Qy 1 RLUALACG 8
Db 5 RVLAALCG 12

RESULT 14
US-10-389-647-595
; Sequence 595, Application US/10389647
; Publication No. US20040033549A1
; GENERAL INFORMATION:
; APPLICANT: GREENBERG, E. Peter
; APPLICANT: SCHUSTER, Martin
; APPLICANT: LOSTROM, Candice
; TITLE OF INVENTION: QUORUM SENSING SIGNALING IN BACTERIA
; FILE REFERENCE: UIZ-028CP
; CURRENT APPLICATION NUMBER: US/10/389,647
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 09/653730
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/153022
; NUMBER OF SEQ ID NOS: 710
; SOFTWARE: PartSeq For Windows Version 4.0
; SEQ ID NO 595
; LENGTH: 143
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-10-389-647-595

Query Match Score 81.8%; Score 36; DB 15; Length 143;
Best Local Similarity 77.8%; Pred. No. 1.9e+02; Mismatches 1; Indels 0; Gaps 0;
Matches 7; Conservative 1; D mismatches 1;
Qy 1 RLUALACGA 9
Db 108 QLICAGCGA 116

RESULT 15
US-10-437-963-170028
; Sequence 17008, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:

```

; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 3621(5221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 170028
LENGTH: 737
TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_68392C.1.pep
US-10-437-963-170028

Query Match 81.8%; Score 36; DB 16; Length 737;
Best Local Similarity 77.8%; Prod. No. 8.5e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 RLLAALCGA 9
Db 92 RLLAALCGS 100

Search completed: November 17, 2005, 21:24:21
Job time : 73.8571 secs

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